

www.eggtech.co.uk

For your ET, IVF and AI Supplies

Embryo Transfer IVF and AI Catalogue

Version 21.1



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Introduction

- EGG Technologies are renowned for servicing customers efficiently with products that are not just safe but undoubtedly in a class of their own.
- We pride ourselves in knowing our customer base; supplying products on demand and giving our customers the security of knowing we can fulfil all their requirements.
- We have major distribution rights granted by leading manufacturers and suppliers, making our portfolio not only the most comprehensive, but also the most readily available assortment of products for embryo transfer, IVF and AI technologies throughout Europe. Our careful choice of association with internationally well-respected manufacturers is designed to maximise user opportunities of success in advanced reproduction whilst minimising valuable resources of time, energy and not least cost, in searching for suitable suppliers.
- EGG Tech has extensive distribution rights throughout Europe for with leading manufacturers.
- EGG Tech complements its extensive range by giving customers the choice of FSH/LH superovulation drugs with the availability of Pluset and Folltropin. Vets who are aware of both products, and have administered them routinely continue to report extremely satisfactory results. Providing an unbiased choice, allows an optimum administrative program, based both on the sensitivity of the breed-characteristics and also the individual animal.
- EGG Tech's values of technical excellence and customer service, putting customer satisfaction at the forefront of everything we do. With our wealth of practical and technical expertise regarding products and techniques complement and provide confidence in our product and enables EGG Tech to offer its customers the most complete package currently available from any source.
- This together with relations we have with some of the worlds most respected pioneers in these technologies gives us access to the most technical of challenges.

Order Information

- How to order:** Orders are invited by telephone, e-mail or post, whichever is most convenient to our customers. Contact information is given on the next page, front and back cover of this brochure.
- VAT:** **UK customers:** As per UK regulations please submit a VAT Exemption Form with every order placed by any organisation which qualifies for VAT relief.
EEC customers: Please advise your complete European tax code.
- Pricing:** Prices quoted are unit prices, ex-works and exclusive of VAT/TVA.
The Company reserves the right to adjust prices without notice at any time as a result of legislation, exchange rates or for any other reason not applicable at the date of publication or quotation.
- Carriage:** Critical shipments are made using a number of reliable couriers with guaranteed next day delivery wherever possible. Slower deliveries are available at customers choice.
Deliveries are charged at cost.
- Dry Ice:** As appropriate, shipments will be made with dry-ice to preserve the efficacy of the products.
This will be charged at cost, including handling fees imposed by couriers.
- Order Minimum:** The Company reserves the right to levy a surcharge of £2.00 on all orders less than £25.00 in

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Pharmaceuticals

FSH

FOLLTROPIN



Folltropin® is used for the induction of superovulation in reproductively mature heifers and cows. Folltropin® is highly purified, sterile, and has consistently low LH:FSH ratio. Folltropin® is a highly purified extract obtained from carefully selected porcine pituitary glands. It is lyophilized to maintain potency under normal storage conditions. Each 20 mL vial contains FSH equivalent to 400 mg of NIH-FSH-P1. * When reconstituted according to label directions, the final solution contains 20 mg/mL. Folltropin® Diluent is a 20 mL vial of Bacteriostatic Sodium Chloride Injection USP.

1006AG08

PLUSET



Pluset® is a porcine pituitary extract (PPE), which contains both of the gonadotropins, follicle stimulating hormone (FSH) and luteinizing hormone (LH).

Pluset® is obtained after a laborious process of solvent extractions and fractioned precipitations. The final product is a purified hormonal extract, with high superovulatory activity, in two vials of freeze-dried powder to facilitate its use; with known and constant FSH and LH activity, in optimal proportion for superovulation.

31208

Pharmaceuticals

GnRH

VETERELIN



The active substance of Veterelin is Buserelin, a synthetic analogue of gonadotrophin releasing hormone (GnRH), however it is 40 to 200 times more effective, and more resistant to the enzymatic degradation due to the substitution of two amino acids .

Veterelin stimulates the synthesis and the release of LH and FSH gonadotrophin in the anterior pituitary gland, increasing their concentration in plasma during several hours. The LH peak leads to the rapid increase of estradiol, progesterone and Pg levels in the follicular liquid, and has a major role on the ovulation process. This is because administration causes ovulation of the dominant follicle, resulting in a new follicular wave after 2 or 3 days.

100830

Prostaglandin

VETEGLAN



Cows: Induction and synchronisation of oestrus. Induction of parturition. Ovarian dysfunction due to persistent *corpus luteum*: postpartum anoestrus, silent heats, irregular and anovulatory cycles, persistent corpus luteum, luteal cysts. Pyometra and endometritis. Interruption of pregnancy (first stage of gestation) including foetal mummification. Post-puerperium uterine dysfunctions, delayed uterine involution. Therapy associated to the treatment of flovuilar cyst (10-14 days after administration of GnRH or hCG).

Sows: Induction of farrowing.

102227



ABT360 Media

ABT360 Flushing Media

Complete Flushing Solution is a ready to use serum-free reagent.

ABT COMPLETE FLUSH is designed for the collection of embryos from cattle and horses. ABT's formulation contains PVA for its surfactant properties, Gentamycin as an antibiotic as well as energy sources and heavy metal chelators. No additives are required. Using ultra-purified water as a base, this solution is filtered to 0.2µM so there is no need for additional filtering before use.



- Complete and ready to use
- Contains PVA for its surfactant properties and Gentamycin as an antibiotic
- Animal origin free & 100% traceable components
- Tight quality control standards equal consistent results
- Durable EVA packaging with a spike port and non-latex needle septum removable cap
- Made in the USA with two decades of experience

ABT014	ABT (synthetic) Complete Flush	1 Litre
ABT015	ABT (synthetic) Complete Flush	2 Litre

Insulation Bags



22800	Insulation Bag for 1 litre Flush	Each
22805	Insulation Bag for 2 litre Flush	Each

ABT MEDIA

ABT Holding Media



ABT HOLDING medium was developed to provide embryos a sustainable and healthy environment after collection and before transfer or freezing. While ABT Holding is not meant to act as an extended culture medium for incubation, it does contain a variety of components such as amino acids, nutrients and energy sources that facilitate embryo viability.

The embryo transfer holding solutions have a 9 hour holding time at room temperature; or 20 hours at 4 °c.

- Includes amino acids, energy sources, Gentamycin as an antibiotic and is Hepes buffered
- 100% traceable components including certified New Zealand sourced BSA
- Filtered to 0.1µm; no additional filtering required
- Tight quality control standards equal consistent results
- Durable EVA packaging with a non-latex needle septum port and removable cap
- Made in the USA with two decades of experience

ABT024	ABT Holding Plus	50ml
ABT724	ABT Holding Plus	7ml x 5

ABT Freezing Media



ABT Ethylene Glycol Freeze Plus with Sucrose

ABT ETHYLENE GLYCOL FREEZE is formulated for the direct transfer of embryos after thawing. Rehydration is not required therefore embryos can be kept in the same straw for transfer as they were frozen. ABT offers multiple size packaging with or without sucrose.

ABT034	ABT Ethylene Glycol Freeze Plus	50ml
ABT734	ABT Ethylene Glycol Freeze Plus	7ml x 5

ABT Freeze Plus, 10% Glycerol

ABT FREEZE (GLYCEROL) is used for freezing embryos for storage and contains 10% Glycerol and 0.1M Sucrose to help cells from over expanding. Rehydration is required when thawing.

ABT732	ABT 10% Glycerol Freeze Plus	7ml x 5
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ABT Thawing Media

ABT One Step Thaw

ABT 1 STEP THAW (1M SUCROSE) medium contains 1.0M Sucrose and is intended to be used for the controlled re-hydration of embryos that have been frozen in 10% Glycerol in a single step

ABT747	ABT One-Step Thaw Plus	7ml x 5
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ABT 1,2,3 Step Thaw Plus

ABT 3 STEP THAW KIT is made up of 3 different solutions used for rehydrating thawed embryos after they have been frozen in 10% Glycerol. Each solution contains Glycerol and Sucrose at different levels to more slowly thaw embryos and protect them from rapid changes in cell volume that might occur with faster thawing procedures.

EVM848	ABT Thaw 1, 2 & 3 Plus Kit	7ml x 3
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ADAPT Media

ADAPT Holding Medium

ABT's ADAPT HOLDING with HA medium provides embryos a sustainable and healthy environment after collection and before transfer or freezing. ABT360 has adapted their ABT Holding formulation by excluding components of animal origin, helping to alleviate concerns about temperature controlled shipping and storage as well as potential bio-hazards. ADAPT Holding contains hyaluronan (HA), a macro-molecule which replaces Bovine Serum Albumin commonly used in other embryo transfer media.

While ADAPT Holding is not meant to act as an extended culture medium for incubation, it does contain a variety of components such as amino acids, nutrients and energy sources that facilitate embryo viability. Embryos can be transferred using a straw containing ADAPT Holding with HA. For specific seeding instructions please read the product insert included in each shipment



Practical Benefits

- Eliminates concerns regarding animal-based formulas.
- Eliminates costly air shipments of refrigerated media.
- Eliminates the 'down-time', waiting for media to warm to room temperature with each use.
- Eliminates the need to change current procedures by merely

ADA024
ADA724

ADAPT (Synthetic) Holding	50ml
ADAPT (Synthetic) Holding	7ml x 5

ADAPT Freezing Medium



ABT's ADAPT EG FREEZE with SUCROSE & HA medium is formulated for cryo-preservation of bovine embryos and can be used in direct transfer freezing protocols. We've adapted our ABT EG Freeze with Sucrose formulation by excluding components of animal origin, helping to alleviate concerns about temperature controlled shipping and storage as well as potential bio-hazards. ADAPT EG Freeze contains 0.1M Sucrose and hyaluronan (HA), a macro-molecule which replaces Bovine Serum Albumin commonly used in other embryo transfer media.

ADA734

ADAPT Ethylene Glycol Freeze Plus	7ml x 5
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Miscellaneous Media

ABT PVA Concentrate

ABT PVA CONCENTRATE is a 10% concentrated solution used as a surfactant when added to Lactated Ringers or Hartmann Saline Solution. PVA's surfactant properties help prevent embryos from sticking to tubing, filters or dishes after collection. This product is an alternative to BSA concentrate but does not require refrigeration. It is packaged in a 20ml EVA bag and at 4ml/Liter, it is the same concentration of surfactant as ABT's Complete Flush



ADA734

ADAPT Ethylene Glycol Freeze Plus	7ml x 5
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ABT Splitting Media

Place a 50ul micro-drop in a tissue culture treated petri dish. Embryos are placed in the drop for splitting.

ADA734

ADAPT Ethylene Glycol Freeze Plus	7ml x 5
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Media and Biomedical supplies

40770	0.25% Trypsin in Dulbecco's PBS w/o Ca or Mg	50ml
SH30264.01	Dulbecco's Phosphate Buffered Saline	500ml

IVF Media



The IVF Bioscience media system produced in vitro embryos with higher mean cell counts and greater tolerance to seasonal temperature fluctuations.

This study compared IVF Bioscience media (ETB – BO-IVM, BO-IVF and BO-IVC) with a control system. In comparison to the control, IVF Bioscience media was shown to produce a greater number of viable embryos, high higher mean cell counts, and far greater consistency in

OPU

- For performing ovum-pick up and embryo flushing
- Enriched with vitamins and amino acids to prevent amino acid depletion of oocytes and embryos
- Does not require refrigeration
- Supplemented with heparin and gentamycin

51001 OPU Collection Medium 500ml

OIL Overlay

- Oil to overlay media
- Highly refined, pharmaceutical grade liquid paraffin (light mineral) oil
- Pre-washed twice with ultra-pure water
- Sterilised via filtration through a 0.2µm filter
- Each batch undergoes strict quality control assessments for sterility, density, viscosity, endotoxins, and peroxide value (POV)
- Each batch is mouse embryo assay (MEA) and bovine embryo assay (BEA) tested

51002 OIL Liquid Paraffin 50ml

BIOPSY

- For used during embryo biopsy and embryo splitting procedures
- Provides optimised embryo conditions for handling outside the incubator
- Supplemented with proteins, sodium bicarbonate and gentamycin
- Serum free
- Does not require CO2 equilibration (HEPES buffered)

51003 BIOPSY Biopsy Medium 10ml

WASH

- For the handling and washing of oocytes and embryos outside of the incubator
- Enriched with vitamins and amino acids to prevent amino acid depletion of oocytes
- Supplemented with gentamycin
- Does not require CO2 equilibration (HEPES buffered)

51004 WASH Oocyte washing Medium 50ml

BO-TRANSFER

- For the transfer and transportation of embryos
- Supports embryo development from day 5 to the blastocyst stage
- Allows for transportation of developing embryos for up to 48 hours outside the incubator
- Maintains optimal embryo conditions outside the incubator
- Suitable for both in vivo and in vitro derived embryos
- Supplemented with proteins, sodium bicarbonate and gentamycin
- Serum free
- Does not require CO2 equilibration (HEPES buffered)

51005 BO-TRANSFER Transfer Medium 10ml



IVF Media - Bovine

Bovine IVF Media

Ready to Use and Serum Free

- Customers love how easy to use our media is. The optimised formulations mean there is no need to add any further components.
- Serum is excluded from our formulations due to its potential to increase the risk of LOS and affect batch-to-batch consistency
- IVF Bioscience media instead contain a synthetic serum replacement together with purified Bovine Serum Albumin (BSA) as a stable and high quality alternative
- These optimisations eliminate the need to add any further components to the media – no supplements are required
- This ensures a quality product, which in turn supports a high rate of embryo development, enhances cryo-survival rates, supports embryo robustness, and provides the consistency of results required for successful in vitro production

BO-IVM

- For the in vitro maturation of oocytes in the laboratory
- Serum free
- Suitable for maturation in dishes and micro drops
- Supplemented with low glucose, gonadotrophic hormones and gentamycin

71001 BO-IVM Maturation Medium 10ml

BO-IVM-HEPES

- For the in vitro maturation of oocytes outside the incubator
- Allows for maturation of oocytes away from the laboratory and during transportation without a CO2 environment
- Also suitable for traditional use in incubators
- Supplemented with low glucose, gonadotrophic hormones and gentamycin
- Serum free
- Does not require CO2 equilibration (HEPES buffered)
- Supplied with our pH indicator guide for easy identification of pH by colour

71002 BO-IVM-HEPES 10ml

BO-SEMENPREP

- For the washing of semen prior to in vitro fertilisation
Non-capacitating formula
- Conserves spermatozoa energy prior to introduction to the fertilisation medium
- Avoids the toxicity of traditional gradients
- Supports a gentler centrifugation process
- Allows for fewer steps than traditional procedures, minimising potential cell damage
- Contains gentamycin

71003 BO-SEMENPREP 20ml

BO-IVF

- For the in vitro fertilisation of matured oocytes
- Serum free
- Supplemented with heparin and gentamycin
- Enriched with an optimised PHE solution for sperm capacitation, improved pronuclear formation and enhanced embryonic development

71004 BO-IVF Fertilisation Medium 10ml

BO-IVC

- For the in vitro culture of inseminated oocytes
- Non-sequential, single step system which does not require a change of media
- Suitable for continuous culture from zygote to blastocyst stage
- Serum free
- Contains a synthetic serum replacement
- Supplemented with BSA, vitamins, amino acids, anti-oxidants and gentamycin
- Enriched with hyaluronate for increased cryo-survivability

71005 BO-IVC Culture Medium 10ml

BO-VITRICOOL

- For the vitrification of embryos
- Suitable for both in vivo and in vitro derived embryos
- Ethylene glycol and DMSO based formula
- Serum free
- Designed to be used in conjunction with the BO-VitriWarm kit for warming and recovery of embryos

71006 BO-VITRICOOL Kit

BO-VITRIWARM

- For the warming of embryos following vitrification
- Suitable for both in vivo and in vitro derived embryos
- Ethylene glycol and DMSO based formula
- Serum free
- Designed to be used in conjunction with the BO-VitriCool kit for vitrification of embryos

71007 BO-VITRIWARM Kit

IVF Media - Equine

Equine Media

Our ready to use, serum-free EQ-Range provides the complete media system needed to routinely perform equine IVP, from OPU right through to transfer / vitrification. Conventional equine IVF is not repeatable for efficient embryo production in the way that is observed in other species such as bovine, caprine, ovine and camelid. The reasons for this are not entirely understood but is widely thought to be due to incomplete oocyte maturation and/ or incomplete sperm capacitation. One way to by-pass these barriers is to inject a single sperm cell directly into the matured oocyte in a procedure known as intracytoplasmic sperm injection (ICSI)

EQ-IVM

- For the in vitro maturation of oocytes in the laboratory
- Serum free
- Suitable for maturation in dishes and micro drops
- Supplemented with equine -specific gonadotrophic hormones and gentamycin

81001 EQ-IVM Maturation Medium 10ml

EQ-SEMENPREP

- Non-capacitating formula in preparation for ICSI
- Dual purpose medium optimised for washing and swim up sperm preparation
- Avoids the toxicity of traditional gradients; supports a gentler centrifugation process and allows for fewer steps than traditional procedures
- Contains gentamycin

81002 EQ-SEMENPREP 20ml

EQ-HOLD

- For the holding or transportation of oocytes
- Formulated to hold oocytes at room temperature for up to 24 hours without initiating maturation
- Does not require CO2 equilibration (HEPES-buffered)
- Serum free
- Supplemented with proteins, sodium bicarbonate and gentamycin

81006 EQ-HOLD - Equine Holding Medium 10ml

EQ-ICSI

- The EQ-ICSI Kit provides the entire collection of media required for the ICSI step, conveniently packaged into a kit of 4x1ml vials
- EQ-SpermControl - Equine sperm immobilisation medium for selecting a single sperm cell for ICSI. Formulated with physiological PVP replacement, hyaluronan
- EQ-Strip - medium to facilitate the removal of cumulus cells from matured oocytes, contains hyaluronidase
- EQ-PCM - medium for coating the injection pipette to avoid sperm adhering inside the tip
- EQ-ICSI - HEPES buffered ICSI medium, maintains the pH during the procedure

81003 EQ-ICSI - Equine ICSI kit Kit

EQ-IVC1

- For in vitro culture of equine embryos after ICSI with low Glucose
- Serum free
- Supplemented with BSA, vitamins, amino acids, anti-oxidants and gentamycin
- Contains a synthetic serum replacement
- Suitable for culture dishes and micro drops with an Oil overlay

81004 EQ-IVC1 Embryo culture two step media 10ml

EQ-IVC2

- For in vitro culture of day 5 equine embryos to blastocyst with high Glucose
- Serum free
- Supplemented with BSA, vitamins, amino acids, anti-oxidants and gentamycin
- Contains a synthetic serum replacement
- Suitable for culture dishes and micro drops with an Oil overlay

81005 EQ-IVC2 Embryo culture two step media 10ml

EQ-VITRICOOL

- For the vitrification of equine embryos and oocytes
- Suitable for both in vivo and in vitro derived equine embryos
- Ethylene glycol and DMSO based formula
- Serum free
- Designed to be use in conjunction with the EQ-VitriWarm kit for warming and recovery of embryos and oocytes
- EQ-VitriCool is a 3-step cooling media kit comprised of 1 x 5 ml bottle, and 2 x 1 ml bottles

81007 EQ-VITRICOOL Kit

EQ-VITRIWARM

- For the warming of equine embryos and oocytes following vitrification
- Suitable for both in vivo and in vitro derived equine embryos
- Supplemented with macromolecules such as sucrose and albumin to help reduce physical damage and help maintain osmotic pressure of the extracellular fluid
- Serum free
- Designed to be used in conjunction with the EQ-VitriCool kit for vitrification of embryos and oocytes
- EQ-VitriWarm is a 4-step warming media kit comprised of 1 x 5 ml bottle, and 3 x 1 ml bottles

81008 EQ-VITRIWARM Kit



Catheters

EGG Tech Silicone Catheters

EGG Tech catheters are specially designed to ensure the high recovery of embryos from every flush. They are constructed from 100% pigment-free silicone elastomer, and so there is no toxic colouring agent to leak into the flushing fluid. Embryo culture studies show these as the least toxic material available.

They also have the following characteristics.



1. The silicone elastomer is tough enough to withstand repeated flushing and sterilisation.
2. At 22" and 26", they are longer than a standard foley catheter and therefore ideal for uterine horn flushes of deep-bodied mature cows.
3. Additionally, for virgin heifers the length does not create excessive dead space before the y-piece.
4. Four openings at the distal end ensures a high flow rate, and is designed to minimise the chance of the stylet slipping through a hole when repositioning the catheter.
5. The distal end is moulded with an internal holding cup to receive and prevent stylette protrusions. A 30cc or 5cc concentric balloon keeps the catheter tip free in the uterine horn lumen to ensure full recoveries.

16fr Gauge

ECE009
ECE016

18fr Gauge

ECE011
ECE017

20fr Gauge

ECE013
ECE100

16fr x 30cc Balloon 22" Catheter
16fr x 30cc Balloon 26" Catheter



18fr x 30cc Balloon 22" Catheter
18fr x 30cc Balloon 26" Catheter



20fr x 30cc Balloon 22" Catheter
20fr x 30cc Balloon 26" Catheter



Equine Lavage Catheters

- 100% pigment-free clear silicone.
- Robust to withstand repeated flushing and sterilisation.
- 75cc Balloon.
- Open ended.

ECE125 32Fr. 34" (86.34cm) Catheter with 2 side ports Sterile
ECE128 37Fr. 36" (91.44cm) Catheter with 3 side ports Sterile



Catheter Stylets

These instruments are used inside bovine catheters during insertion through the cervix into the uterus.



ECE021 Catheter Stylette 22.6"x3/32g. Each

ECE023 Catheter Stylette 26.5"x3/32g. Each

Catheters

Agtech Vortech Bovine Catheters

- 100% pure medical grade silicone with 6 large off-set eyelets.
- Sterile and autoclavable
- Long length: 58cm/23"

Agtech silicone catheters are sterilised for ready-to-use convenience. A stylette tip "pocket" at the end of the Agtech Catheter surrounds and guards the stylette reducing the chances of uterine trauma.

Autoclavable and durable for multiple re-use. A longer catheter simplifies horn flushing of large, deep cows with heavy tracts. Available in 5cc or 30cc balloon.



14fr Gauge

E112

14fr x 5cc

Balloon 23" Catheter



16fr Gauge

E101

16fr x 30cc

Balloon 23" Catheter



E100

16fr x 5cc

Balloon 23" Catheter

18fr Gauge

E102

18fr x 5cc

Balloon 23" Catheter



E103

18fr x 30cc

Balloon 23" Catheter

20fr Gauge

E104

20fr x 30cc

Balloon 23" Catheter



E105

20fr x 5cc

Balloon 23" Catheter

22fr Gauge

E106

22fr x 5cc

Balloon 23" Catheter



E107

22fr x 30cc

Balloon 23" Catheter

Agtech Vortech Equine Catheters

- 100% pure Medical Grade Silicone with four large off-set eyelets and open-ended.
- Sterile and autoclavable.
- Extra long: 86 cm/34"

28fr Gauge E108

28fr x 80cc

Balloon 34" Catheters

32fr Gauge E109

32fr x 80cc

Balloon 34" Catheters

36fr Gauge E112

36fr x 80cc

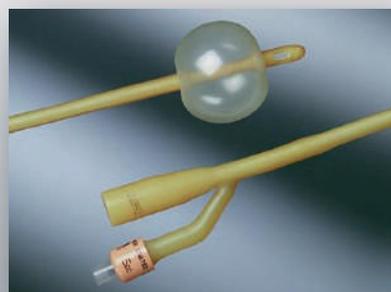
Balloon 34" Catheters

BARD 18" Bardia® Latex Catheters

E02	18" Bardia® Catheter	14Fr x 5cc	Balloon	sterile
E03	18" Bardia® Catheter	16Fr x 5cc	Balloon	sterile
E04	18" Bardia® Catheter	18Fr x 5cc	Balloon	sterile
E05	18" Bardia® Catheter	20Fr x 5cc	Balloon	sterile
E06	18" Bardia® Catheter	22Fr x 5cc	Balloon	sterile
E07	18" Bardia® Catheter	24Fr x 5cc	Balloon	sterile
E09	18" Bardia® Catheter	14Fr x 30cc	Balloon	sterile
E10	18" Bardia® Catheter	16Fr x 30cc	Balloon	sterile
E11	18" Bardia® Catheter	18Fr x 30cc	Balloon	sterile
E12	18" Bardia® Catheter	20Fr x 30cc	Balloon	sterile
E13	18" Bardia® Catheter	22Fr x 30cc	Balloon	sterile
E14	18" Bardia® Catheter	24Fr x 30cc	Balloon	sterile

BARD 26" Bardia® Latex Catheters

E18	26" Bardia® Catheter	18Fr x 30cc	Balloon	sterile
E19	26" Bardia® Catheter	20Fr x 30cc	Balloon	sterile
E22	26" Bardia® Catheter	34Fr x 100cc	Balloon	sterile



Y-Tubing and Catheter Accessories

Bovine Y-Tubing

- Embryo recovery tubing set fitted with a flush solution bag connection spike; a catheter connector; and a filter connector.
- Two tubing clamps regulate fluid flow, into and out of the uterus.
- Gamma-irradiated.

ECE035 Long Flush Y-tubing Set w/Foley Connector Sterile

Equine Y-Tubing

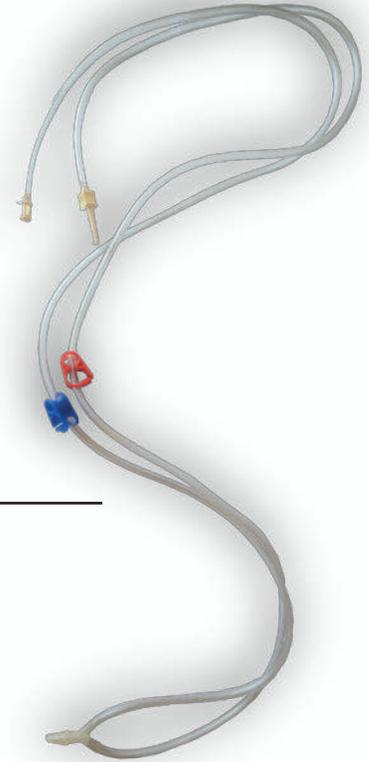
- A large diameter tubing set for recovery of equine embryos. It is fitted with a flush solution bag connection spike; a catheter connector; and a filter connector.
- Two tubing clamps regulate fluid flow, into and out of the uterus.
- Gamma irradiated.

ECE038 Equine Y-Flush Tubing Set Sterile

Rapid-Flow Y-Tubing

- New non-kink tubing.
- Gamma-irradiated and individually packaged.
- 152 cm/5ft tubing arm includes a colour coded pinch clamp.
- Spike-end mates to 1 and 2 litre medium bags.
- Catheter end, connects to bovine & equine catheters.

E27 Agtech Rapid-Flow Y-Tubing Sterile



Syringe Flush Tubing and Accessories

A convenient closed system for syringe flushing.

035001251 Syringe Flush Y-Tube Sterile 035101251 Extension Kit Sterile

035301251 3-Way Valve Sterile

Cervical Dialator

Cervical dilation is sometimes needed, most frequently with heifers, to facilitate passage of the embryo recovery catheter.

This stainless steel dilator is 18 inches in length and 0.25 inches in diameter, with a tapered, rounded tip.

ECE040 Cervical Dialator Each



Catheter LuerLock Connector

Connects a luerlock syringe directly to a high-recovery catheter for use in syringe flushing systems.

ECE090 Catheter LuerLock Connector Each



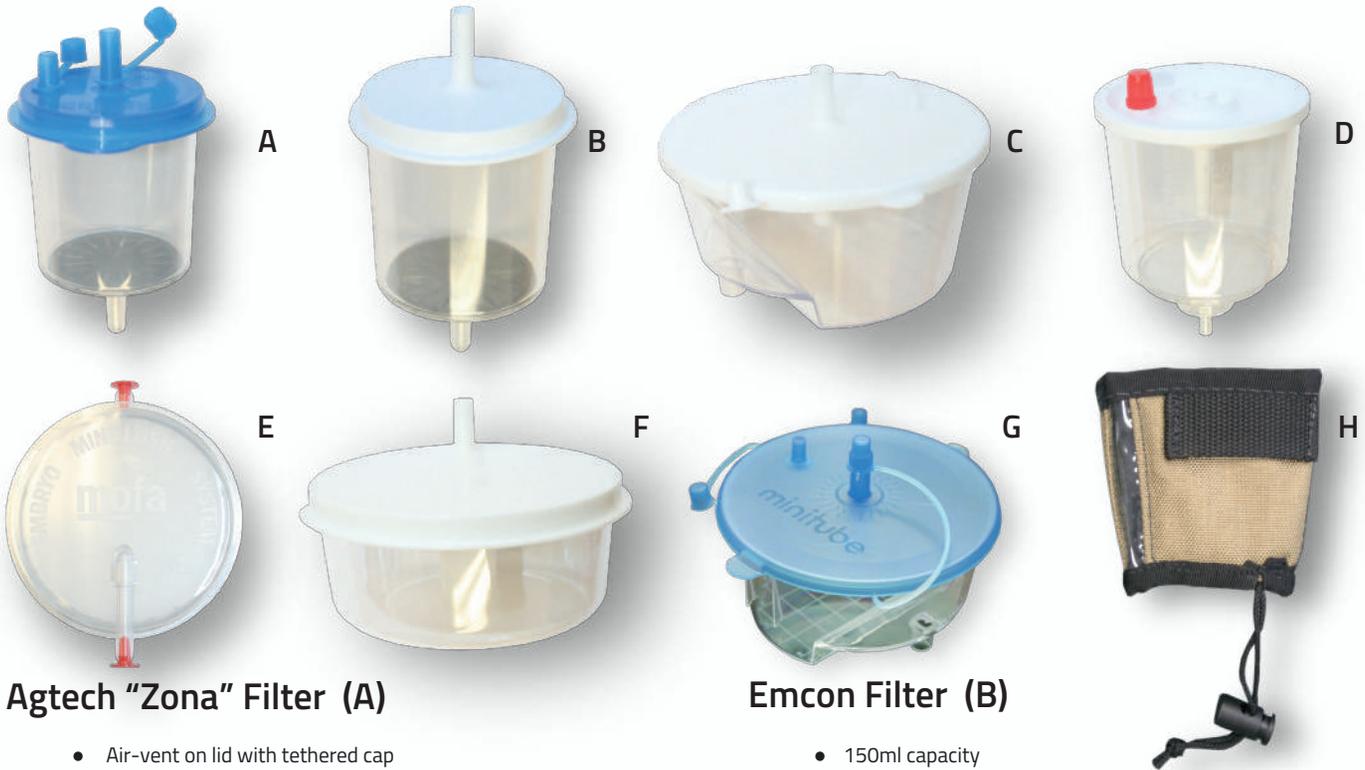
Alconox

To clean catheters, gastric tubes and other tubing. Rinse with cold water immediately after use, then soak in a 1% Alconox solution for an hour. Hand rinse in fresh water. If parts are to be sterilised, rinse in sterile and de-ionised water before preparing for sterilisation.

EHG010 Alconox - Catheter and lab ware cleaner 1.8kg

Filters and Accessories

Filters are sterile, individually packaged and compatible with Y-junction tubing, used for embryo collection during flushing.



Agtech "Zona" Filter (A)

- Air-vent on lid with tethered cap
- Tethered cap on the inflow port to securely seal post flush
- Pinch clamp or tethered cap for regulating outflow
- 150ml capacity
- 75 micron stainless steel screen
- An alternative to the EmCon Filter.

D03 Zona Filter Sterile

Emcon Filter (B)

- 150ml capacity
- 75 micron stainless steel screen
- Includes drain tube with pinch clamp.

04135 Emcon Filter Sterile

EZ-Way Filter (C)

- Designed as a searchable filter that cannot run dry
- Square grid-pattern on the bottom allows up and down searching
- 64 micron pore size
- Filter is single packed and Gamma-irradiated.

ECE051 EZ-Way Filter Sterile

Sure-Flush Filter (D)

- Disposable polystyrene funnel filter
- 75 micron nylon mesh
- Inlet port has extended nozzle to minimise frothing
- Individually packaged and sterilised.

031791301 Sure-Flush Filter Sterile

MiniFlush Filter (E)

- Both halves separate after collection to permit searching in the dish
- Includes drain tube.

19010 1000 Miniflush Filter Sterile

VCI low volume filter (F)

- 50ml media capacity
- 75 micron mesh nylon filter.

D05 Low Volume filter Sterile

EmSafe Filter (G)

- integrated filter and petri dish with grid,
- mesh size 65 μ , sterilised

19010 6000 EmSafe Filter Sterile

Filter Insulation Bag (H)

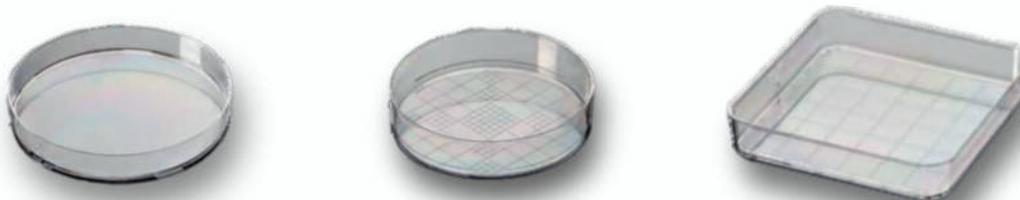
- Insulation bag for cup style filters.

22806 Filter Insulation Bag Sterile

Culture Plates

- Dishes are complete with lids.
- Cell culture Dishes are packed in conveniently-sized sterile sleeves.

Searching Dishes



Plain Dishes

353003	Falcon Tissue Culture Dish - 100 x20mm	20/pack sterile
101VR20	Petri Dish 3-Vent - 90 x 15mm	20/pack sterile
503V	Petri Dish 3-Vent 3-Compartments - 90 x 15mm	20/pack sterile
3010 060	Tissue Culture Dish - 60 x 10mm	10/pack sterile
EPW050	Embryo Searching Bowls	12/pack sterile

Gridded

D08	Searching Grid Dishes - 95 x15mm	10/pack sterile
EPW023	Square Grid Dishes -100 x15mm	10/pack sterile

Holding Dishes



353001	Falcon Holding Dish 35 x10mm	20/pack sterile
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Well Plates



04044	ESP 4-well Square Dish + viewing area - plastic	10/pack sterile
04045	ESP 6-well Square Dish + viewing area - plastic	10/pack sterile
EPW016	2-well Square Dish + viewing area - plastic	1/pack sterile
19021 0005	5-well Square Dish + viewing area -plastic 3ml well volume	4/pack sterile
04055	VCI 2-well Dishes	20/pack sterile
04056	VCI 4-well Dishes	10/pack sterile

Aspiration

Ultrasound Probe Holder

- Slim design enables oocyte aspiration in young animals (Especially when combined with a small probe)
- Exact needle control due to optimised needle outlet for recommended needles (23360/1200 and 23360/1250)
- No danger of needle detachment
- Material warms up to body temperature very quickly
- Very light weight and smooth probe holder provides easy handling
- Needle unit and solid transportation case are included

The probe holder is available to suit Aloka, BCF, ECM, GE or SonoSite probe. Upon request we offer the device also adapted to other probes.

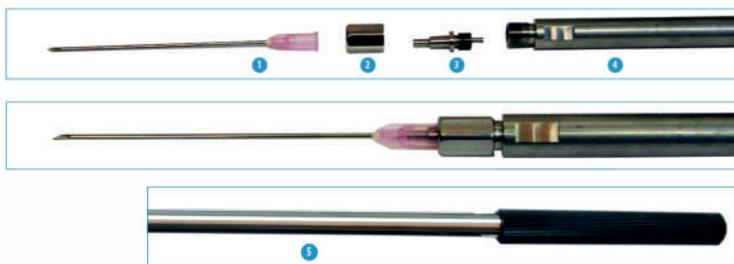


23360 06000	Aloka	Each
23400 0115	BCF (Easi Scan)	Each
23400 0413	ECM (Exago)	Each
23400 0120	GE	Each
23400 0040	SonoSite (C11)	Each

Needle Unit

The needle unit consists of:

- Disposable aspiration needle (1)
- Clamping nut for the needle (2) provides secure fixation of the needle in its position not allowing any dead space between the needle and the adapter
- Needle adapter (3) connects needle and tube
- Connecting tube made of stainless steel (4)
- Round shaped handles allow variable positioning of bevelled tip of the needle (5)



Disposable Oocyte Aspiration Needle

- Easy and inexpensive to replace
- New needle for each OPU session => high hygienic standard
- Short and easy to manipulate
- 100 needles/pack

23360 1200	For cows (1.2 x 75 mm)	100/Box
23360 1250	For heifers (0.9 x 70 mm)	100/Box

Aspiration Pump for OPU

- With media warming block
- Extremely quick transmission of the vacuum to the needle
- Operation via foot pedal
- Aspiration volume adjustable up to 310 mm Hg
- Warming temperature adjustable up to +50°C

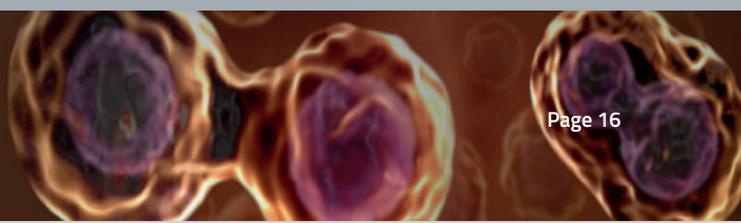
23362 0000	Aspiration pump (240v)	Kit
23362 0001	Aspiration pump (120v)	Kit



Tubing Set and Accessories

- Tube made of firm material
- Oocyte-Cumulus-Complexes will not stick to the walls
- With luer-lock fitting for a leak proof connection to the stopper assembly
- Sterilised and individually packaged

23360 1000	Tubing Set	Each	23400 0500	Gel for Ultrasonic examination	250g
23360 1100	Stopper Assembly - for 50ml Tubes	Each	17220 0017	Collection Tube 50ml	25/bag
23362 1260	Cover for Probe holder	144/Bag			



Laminar Flow Cabinet

IVFtech Laminar Flow Cabinet



(Pictured unit includes Hymac coated surface, TV connection, Two heated workspaces and optional central heated section).

Are designed to protect the samples with a constant flow of clean air, and is made to meet the specific requirements of IVF Laboratories. They all produced to your specifications, suitable for procedures such as vitrification/ICSI/ sperm collection or routine work cabinets. Available widths are 90, 120, 150 and 180cm widths with options to integrate microscopes, light sources and other accessories. Various widths and electrical height adjustment available.

IVFtech 180 sterile laminar flow cabinet, double electrical heated (prep. for 2 microscopes) Class I cabinet. Microscope is prepared for Motic or Nikon as required.

Heated area controlled directly.

Model	Unit	90	120	150	180
External dimensions (DxWxH)	mm	690x1015x1245	690x1320x1245	690x1625x1245	690x1930x1245
Working chamber, dimensions (DxWxH)	mm	560x950x635	560x1235x635	560x1560x635	560x1865x635
Front opening, fixed	mm	350	350	350	350
Support Stand, height standard	mm	850-950	850-950	850-950	850-950
Air velocity, Vertical flow	m/s	0,34	0,34	0,34	0,34
Air velocity, deviation	±%	8	8	8	8
Flow rate	m ³ /h	775	1050	1250	1450
Noise level, ISO 6081	dB(A)	<51	<51	<51	<51
Light variable	up/down	Yes	Yes	Yes	Yes
HEPA filters		H-14	H-14	H-14	H-14
Voltage/frequency	V/Hz	230/50	230/50	230/50	230/50
Power cabinet/heated tabletop	W	150/450	150/450	200/450	300/450
Fuses	A	8	8	10	10
Net weight	kg	140	150	180	190
Shipping volume	m ³	2,0	2,0	2,5	2,5

Low noise level - <51 dB@

IVFtech Sterile cabinet has been designed to give you the lowest noise level on the market

Filtration

Class H-14 HEPA filters in accordance with EN 1822. Filter efficiency 99.999% against 0.3 µm particle size. 99.995% in MPPS. HEPA filters are protected by a carbon pre-filter for longer life.

Maintenance & Service

The maintenance of IVFtech cabinets is done from the front, no need for moving the cabinets, which in turn reduces down time during service.

HiMacs or Stainless steel:

The Hi-Macs® table tops provides an excellent alternative to Stainless Steel. The Hi-Macs® surface is stain resistant and easy clean. Hi-Macs® is scratch resistant and doesn't scratch as easy as stainless steel, furthermore the Hi-Macs® surface can be refurbished and repolished. Easy to see the writing on the dish when working on the Hi-Macs® surface.

Bench Top Incubator

IVFtech Bench Top Low O2 Incubator



- Embryo safe environment control.
- Optimal growth potential due to controllable environment stable temperature and atmosphere
- Each chamber fits 4 dishes, so all in all 16-32 separate dishes are possible.
- Individually heated chambers, bottom and top heat pads 2 gas sensors in mixing chambers (CO2 + O2) to ensure optimal mixture
- Set points for temperature and gas
- Offsets for temperature and gas Big mixing chamber for rapid recovery when opening/closing lids
- Dedicated gas sampling ports for each chamber HEPA+VOC filtered air stream
- No premix gas needed, built-in gas mixer CO2 + N2 input gasses, low pressure inlet
- Low steady state power consumption (95W) at 37 degrees Celsius
- Stable temperature control, quick recovery Stable and precise gas control, rapid recovery
- Low gas consumption (CO2 : 1.0 L/h, N2 : 4.0 L/h)
- Effortless cleaning due to streamlined/sleek design, making for a spotless working environment
- Most economical



Available 1,2,3 and 4 lid incubator for IVF. Requires Nitrogen and Carbon Dioxide. Internal Filter Inserts specified for standard dishes (35mm) or others as required Removable lids Visual temperature display internally recirculated.
The one lid incubator fits inside a flow hood.

32500004

IVFtech Bench Top Incubator

Each

Bench Top Incubator

Astec Bench Top Low O2 Incubator



Astec-Bio has designed the EC6S unit with state of the art technology and today we have the most Stable, Spacious and Superior incubator available in the market. With distinct temperature control and gas supply for each chamber the EC6S offers outstanding flexibility & convenience for its operator. Our engineers have developed the EC6S with new alterations including a Zirconia Dioxide Ceramic O2 Sensor, long life Infra-red sensor, Lid heaters thus better temperature stability which outperforms the competition by virtually every metric!



Heated Lid with an unique Observation Window

We have added a Heated Lid in order to prevent condensation and enhance temperature regulation and quick recovery for the EC6S unit. Pre-Heated Gas mixture is supplied independently to each chamber using our newly developed gas feeding aluminum modules. Heated Bottom Provides direct heat to the cultures through the heating optimization plates (The Gas tank is mounted seamlessly with CO2 and O2 sensors under the unit.) *The EC6S has a unique feature that allows the operator to observe the inside the chamber without the need to open the chamber and disturb the cultured environment.

EC6S-MD

Astec EC6S-MD Bench Top Incubator

Each

For more information regarding the Bench top incubators. Please contact the sales team at sales@eggtech.co.uk

IVF Lab Equipment

Astec Box Incubator - Water Jacket

- **Optimum Environment:** Distinguished temperature, gas concentration and humidity retaining with water-jacketed chamber.
- **User-Friendly:** Automatic Setup Function for easy setup.
- **Cleanliness:** Air filter (optional), shelves and all the other interior components can be installed or removed without any tools.
- **Precision:** Automatic CO2 calibration (standard for Infra-Red CO2 sensor models) enables consistent and precise CO2 control. Automatic O2 calibration is available with the APM models
- **Only available in the UK and Ireland.**



APC-50DR Astec - AP Incubator Range - Water Jacket Each

Centrifuge

- Including 12-place rotor (fixed angle)
- Rotor adapter mat SS-6109 for short tubes Used with SS-6105
- Incl adapter SS-6108 for 4-7ml tubes
- Capacity 12x4-10ml or 8x15ml
- Max speed 300-4500rpm
- Brushless maintenance free motor
- Low noise <56dB
- LCD display
- 2 Year Warrantv



SS-6100 SciSpin One Centrifuge Each

IVFtech Tube Warmer

The IVFtech tube warmer fits 4 test tubes 50ml. The temperature is easy to change which allow easier operations. The sides of the tube warmer are removable for easy cleaning. The aluminium block covers 2/3 of the tube which gives better uniform heat to the tubes

32300000 IVF Tech Tube Warmer Each



OOSAFE® Air Cleaner

Oosafe® Air Cleaner KN is an advanced equipment designed for IVF Laboratory use which purifies air against Volatile Organic Compounds (VOCs), Chemically Active Compounds (CACs), particles, microorganisms, toxins, solvents and odor.

- Better Air Quality, Better Embryo Development
- More Activated Carbon, More VOC Removal Capacity
- No Chemicals Inside
- Pure Activated Carbon, Only Way To Trap VOCs
- 45 Degree Blowing
- Bigger HEPA Filter
- Alarm Function
- Low Noise Level
- Approved by Scientists
- Adjustable and Accurate Air Speed Level
- No Waste of Money in Replacement Filters

OOACEQ-02 OOSAFE® Air Cleaner Free Standing Unit Each



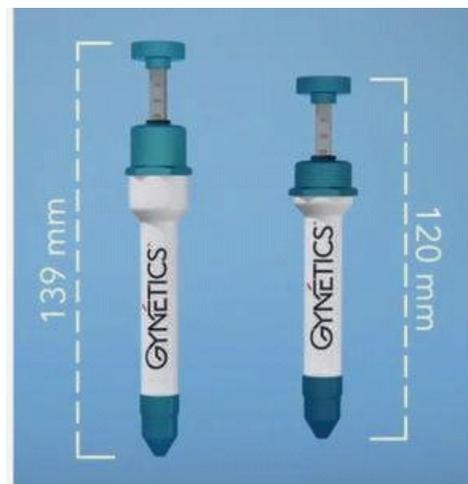
Denudation

Gynetics Denudation Pipette

The Pipet-ID and Pipet-IDs are reusable IVF Laboratory micropipettes developed to fit the "Strip-ID" micropipettes and most other popular micropipettes (Ø 0.9 mm OD)

Features:

- Available in two different sizes to fit every size of hand
 - I. **Pipet-ID** for regular to large hands
 - II. **Pipet-IDs** for small to regular hands
- Ergonomic design
- Adjustable aspiration volume (min ≈ 0.2 µl, max ≈ 3 µl)
- Total expulsion feature
- Stainless steel table holder included
- Spare parts kit included (includes extra seals, plunger wire and hexagon key)
- Designed for use with the "Strip-ID" micropipettes. Also fits most plastic



#3000 Pipet-ID Gynetics Pipet-ID Each

#3000 Pipet-IDs Gynetics Pipet-Ids (Small) Each

Gynetics Denudation Tips

STRIP-ID135/10 Denuding pipette Strip - ID 135um 10/pack

STRIP-ID150/10 Denuding pipette Strip - ID 150um 10/pack

STRIP-ID175/10 Denuding pipette Strip - ID 175um 10/pack



VWR Vortex Mixer

This vortex mixer combines state of the art electronics with design and comfort. Start the vortexing action by simply pressing down on the holder or platform. The heavy casing protects from splashes, while the round foot knobs ensure a secure positioning on the bench top preventing the unit from moving across the bench.

- 5 mm orbital vibration
- Option of intermittent or continuous operating modes
- Analogue speed setting dial for infinitely variable speeds

444-1378 VWR Vortex Mixer Each



SLS Vortex Mixer

The IKA Vortex Genius 3 mixer is has a wide speed range which is infinitely adjustable and can be used for short term or continuous mixing. Available with three interchangeable attachments and 7 inserts, the Vortex Genius 3 mixer is highly flexible and adaptable.

- Adapters available for microtubes, Erlenmeyer flasks and microtitre plates
- Compact design and metal zinc die cast casing
- Short-time operation activated by pressing attachment (touch function)
- Stable at high speeds thanks to special feet (silicon base with ultra high vibration damping)
- Eccentric movement

MIX4200 SLS Vortex Mixer Each



IVF Pipettes and Consumables

Pipettes

The Ergonomic High Performance pipettes provide accuracy and precision you can rely on. The upgraded, ergonomic features deliver comfortable Pipetting even during extensive periods of time.

- Significantly reduced plunger forces vs prior model
- Effortless volume adjustment with volume lock
- Superior accuracy and precision for critical applications
- Tapered shaft and adjustable 'Easy Grip' ejector for universal tip fit
- Extended finger rest for convenient pipetting

613-5260 Single Channel EHP Pipette 2-20ul Each

613-5263 Single Channel EHP Pipette 20-200ul Each



Pipette Tips

LABSOLUTE® offers a complete assortment for your pipetting tasks - no matter whether packed in bags, within racks or within our efficient refill system: all pipette tips are part of a system in which the components can be replaced. The pipette tips are made of pure PP and comply with the requirements of EN ISO 8655. In combination with the LABSOLUTE® pipettes, they constitute the perfect pipetting unit. Thanks to their universal fit and the high-quality material, the tips guarantee a firm and absolutely tight hold on diverse pipette models. And all this with much less attachment and ejection forces. The fully automated production and packaging of the pipette tips under clean room conditions guarantee completely contamination-free working conditions with products which are certified free of DNase, RNase, human DNA, pyrogens and ATP - to ensure you reproducible and consistent results.

- High quality standard
- Graduated tips: the volume is visible at first glance
- 200 µl and 1000 µl tips are available in yellow or blue, respectively
- Autoclavable



MSPP7695882 Labsolute 2-20ul Pipette tips with Aerosol Barrier 96/rack

MSPP7695904 Labsolute 20-200ul Pipette tips with Aerosol Barrier 96/rack

IVF Consumables

734-1175 4 well Plate, Bioassay dish for IVF 120/pack

525-0492 15ml Tubes, Nunc Conical Bottom 500/pack

525-0492 50ml Tubes, Nunc Conical Bottom 500/pack

479-6837 Cryotube 1.8ml with screw caps 500/pack



Embryo Handling

Pipettes

Embryo Handling Pipette

- Ideal for embryo handling.
- Small; plastic; accurate and smooth to operate.
- Each size will fit a variety of pipette tips.
- Tip ejectors are not included on these pipettes.

EHP036 10ul Embryo Handling Pipette Each



Please contact EGG Tech if you require other pipette sizes.

Pipette Controller

Micro-Classic

Particularly useful in ET, AI and IVF applications for easy loading and unloading of straws.

The ergonomic shape and simple handling offers comfort, facilitating exacting tasks.

- Suitable for direct connection to 0.25cc and 0.5cc straws.
- Suitable for disposable micropipettes with ring-marks; and other low-volume pipettes up to 1ml (e.g. blood diluting pipettes).
- Adapter and suction tube are autoclavable at 121°C.

25900 Pipette Controller Each



Eppendorf Individual Tips, Sterile

- Volume 2–200ul.
- Universally applicable, for use with pipettes from most manufacturers.
- Tips feature fine-volume graduations and a soft, flexible tip cone.

EHP009 Eppendorf Individual Tips, Sterile 10/pack



Embryo Handling Tips, Sterile

- Volume 0.1–10 ul.
- Length 3.1 cm/1.235".
- Ultra-fine, unbeveled points.
- Graduated at 2 and 10 ul.
- Tips and hinged boxes are fully autoclavable to 122°C/252°F.

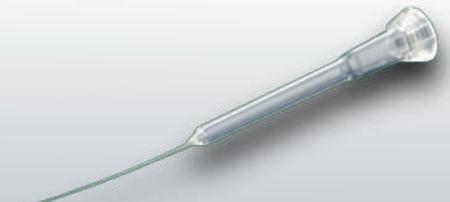
EHP012 Embryo Handling Tips, Sterile 96/rack



Biopsy Tips

- Small volume gel-loading tips.
- Outside dimension: 0.84 mm/0.033".

EHP013 Biopsy Tips 204/rack



0.5–10 µl Pipette Tips

Ideal for use with the 0.5–10 ul Dual Control Pipette and Embryo Handling Pipettes.

APHALW1103 0.5–10ul Pipette Tips 1000/Bag



Handling Supplies

Syringe Adaptors

Syringe/Straw Connector

Connects Monoject 1ml syringe to straw for embryo handling and straw loading applications.



27810 Syringe/Straw Connector 0.25ml 10/Pack

27812 Syringe/Straw Connector 0.5ml 10/Pack

Syringe/Pipette Tip Connector

This adapter connects syringes to general purpose Pipette Tips for embryo handling.



EHP054 Syringe/Pipette Tip Connector 5.2mm O.D. Each

IVF Catheters

IVF Catheter, 8.9cm/3.5 inch, Sterile

- For aspirating embryos from a search dish
- Packaged 5 radiated catheters per individual zip lock bag.
- Effective for embryo handling applications
- Straight-cut tip
- Connect directly to 1ml tuberculin syringes
- Semi-rigid polypropylene catheter



D17 IVF Catheter, 8.9cm/3.5 inch, Sterile 50/Pack

Tom Cat Catheters 14cm/5.5 inch long

Tom Cat catheters with suture adaptor. 14cm/5.5 inch long; individually packaged; sterile. 50 per box.



703021 Tom Cat Catheter. 14cm/5.5 inch. Sterile 50/Pack

Transfer Guns and Sheaths

IMV Stainless Steel Transfer

IMV Technologies are industry-leading embryo transfer equipment manufacturers .

Embryo Transfer Guns - Bovine

- 007240 IMV Embryo Transfer Gun for cut straws (Heifer). (A)
- 007246 IMV Embryo Transfer Gun for uncut straws. (Heifer)(B)
- 007239 IMV Embryo Transfer Gun (Cow). (C)

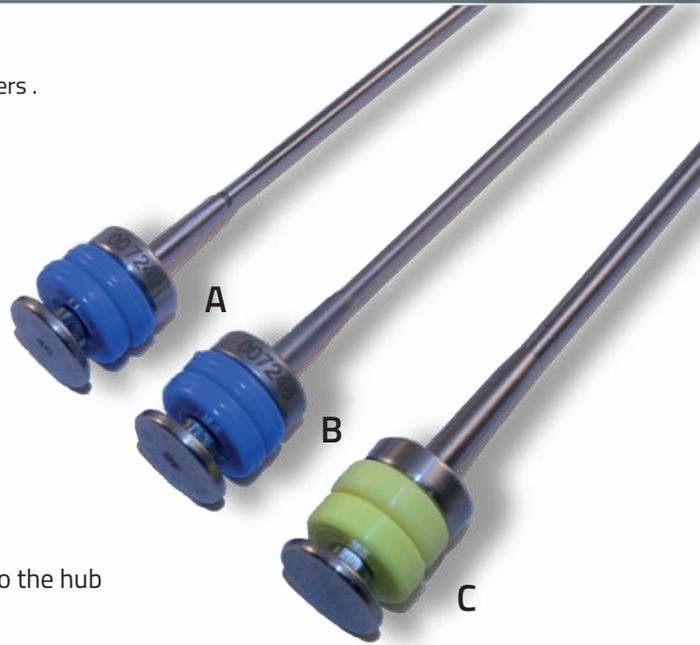
Embryo Transfer Guns - Equine

- B6-3625/1 Disposable Embryo Transfer Gun 0.25cc.. Each
- B6-3650/1 Disposable Embryo Transfer Gun 0.5cc Each

Embryo Transfer Guns - Equine Day 8 Embryo Transfer

The IMV Day-8 Equine transfer gun does not require split sheaths due to the hub at the top of the gun.

- 024857 IMV ET Gun for Equine Day 8 Embryo Each



Transfer Sheaths

Embryo Transfer Sheaths - Bovine

- 005540 IMV Blue (Heifer) Side-delivery Sheaths. 5/Pack
- 006385 IMV White (Cow) Side-delivery Sheaths. 5/Pack

Embryo Transfer Sheaths - Equine.

Individually packed with Chemise Sannitaire

- 006384 IMV Individual 3mm Transfer Sheath. Each
- Day-8 Embryo transfer sheath individually wrapped with chemise
- 017532 IMV Day 8 Transfer sheath unsplit Each

Sani-Shield Rod Protectors

- B7-4725 Sani-Shield Rod Protector 12". 25/Pack

Chemise Sannitaire

- 006458 IMV Sanitary Oversheaths. 630mm/25" 60/Pack
- 005563 IMV Sanitary Oversheaths. 530mm/21" 80/Pack



Straws and Accessories

Agtech Sterile Straws

Gamma-irradiated straws with no ethylene oxide risk. The RWB (red/white/blue) Wick and Powder straws have a plug that seals stronger when wetted properly; to lower the potential for "blow outs." Straws are packaged 5/zip lock bag; 10 bags (50 straws) /pack.

F01 Clear Straws 0.25cc Sterile 10x5 pack

F01Y Yellow Straws 0.25cc Sterile 10x5 pack

F02 Clear Straws 0.5cc Sterile 10x5 pack

IMV Bulk Straws

005565 Clear Straws 0.25cc 2000 pack

005567 Red Straws 0.25cc 2000 pack

005570 Green Straws 0.25cc 2000 pack

005573 Mauve Straws 0.25cc 2000 pack

005575 Pastel Yellow Straws 0.25cc 2000 pack

005578 Yellow Straws 0.25cc 2000 pack

005580 Orange Straws 0.25cc 2000 pack

005583 Opaque Orange Straws 0.25cc 2000 pack

005584 Blue Straws 0.25cc 2000 pack

005585 Mastix Straws 0.25cc 2000 pack

005680 Royal Blue Straws 0.25cc 2000 pack

019179 Pistachio Straws 0.25cc 2000 pack

005569 Clear Straws 0.5cc 2000 pack

005702 Red Straws 0.5cc 2000 pack

005703 Purple Straws 0.5cc 2000 pack

005707 Yellow Straws 0.5cc 2000 pack

005711 Putty Coloured Straws 0.5cc 2000 pack

005746 Pistachio Straws 0.5cc 2000 pack

005709 Pastel Red Straws 0.5cc 2000 pack

005697 Pastel Blue Straws 0.5cc 2000 pack

005590 Pastel Yellow Straws 0.5cc 2000 pack

005685 Pastel Orange Straws 0.5cc 2000 pack

020201 Pastel Pistachio Straws 0.5cc 2000 pack

019179 Pastel Green Straws 0.5cc 2000 pack

IMV Freezing Straws

Crystal-clear freezing straws, red, white and blue wick. Packs of 5.

005592 Clear straws 133mm 0.25cc Sterile 5 pack

006431 Clear straws 91mm 0.25cc Sterile 5 pack



Clear Straws

ETE063 Clear Straws 0.25cc Sterile 10/pack

ETE060 Clear Straws 0.25cc Sterile 5/pack

ETE041 Clear Straws 0.25cc 100/pack

ETE044 Clear Straws 0.5cc Sterile 5/pack

ETE045 Clear Straws 0.5cc 100/pack

Yellow Straws

ETE062 Yellow Straws 0.25cc Sterile 5/pack

ETE061 Yellow Straws 0.25cc 50/pack

ETE069 Yellow Straws 0.25cc 100/pack

ETE055 Yellow Straws 0.5cc 100/pack

Straw Accessories

F15B Agtech yellow plug adaptors- 18mm to join 0.25-0.5cc straws Each

ETE054 Straw Sealing rods Assorted Colours to fit 0.25cc straws Each

ETE064 Straw Sealing Balls 0.25mm 100/pack

ETE065 Straw Sealing Ball 0.5mm 100/pack

F14A Agtech Straw Tweezers for 0.5cc Each

F14B Agtech Straw Tweezers for 0.25cc Each

ETE048 Straw Sealing Powder 5 grams

F11A Impulse Heat Sealer Each



Microscopes

EGG Tech Recommended Embryology Microscopes

Leica S-APO

- Ergonomic 10x/23 wide-field eyepieces for maximum observation comfort
- Ergonomic 38° viewing angle for a relaxed posture
- Well-positioned zoom magnification changer, parfocal and parcentric
- Apochromatic objectives 0.63x, 1.6x, 2x
- Integrated 100% video/photo port
- Fully apochromatic, distortion-free Greenough optical/zoom system for best possible resolution, contrast, imaging and colour fidelity



10450828 Leica S-APO Stereo Zoom Microscope Each

701B Embryology Microscope

- This instrument is excellent value for everyday use
- The 701B has continuous zoom magnification from 13x to 90x
- 20x wide-field eyepieces and eye guards
- A detachable illuminator with 6v 20w halogen bulb
- A transmitted light base with reflector.



701B EGG Tech Embryology Microscope Each

XTL3101 Stereo Zoom Microscope - Equine

- Binocular; 45° Head
- 7x - 45x Continuous zoom magnification
- 10X Widefield eyepieces
- Objectives: 0.7x-4.5x controlled by zoom knob to maintain an 88mm focal distance
- Pillar Stand
- Top spot lamp & LED bottom lamp



XTL3101 XTL3101 Stereo Zoom Microscope Each

Microscopes Case

Lightweight yet hard-wearing case with pre-cut foam. Made from polypropylene material. Ideal for transporting instruments, audio visual, photographic, and any other delicate equipment.

- Water resistant rubber seal around the lid
- Egg crate foam on lid: 30mm
- Pre-cut cubed shaped foam in the bottom: 70mm
- Built in pressure valve
- Lockable cliplocks
- Soft grip handle



701C Microscope Hard shell carry case Each

IVF Recommended Microscopes

Motic SMZ-171 Microscope

The SMZ-171's optical performance combined with its expanded accessory line makes it an ideal instrument for the demanding requirements for both routine and research fields. From biological and medical preparations to industrial quality control and inspection, the SMZ-171 will deliver repeatedly clear and distortion-free images.

Optical System	Greenough
Viewing Head	Binocular Or Trinocular
Magnification range (Standard)	0.75x-5x
Zoom Ratio	1:6.7
Eyepiece	N-WF, High Eye point 10x(Ø23), Diopter adjustable interchangeable with biological eyepieces
Interpupillary adjustment	48mm-75mm
Height of eyepoint	405mm
Working distance (standard)	110mm
Weight	6.2kg (Head 1.4kg)
Max working distance	301mm
Stand	Stable pole stand



SMZ-171

Motic SMZ-171 Microscope

Each

Nikon SMZ-1270 Microscope

Incredible sharpness throughout a wide magnification range.

The SMZ1270/1270i offers the highest-in-class zoom ratio of 12.7x (0.63 - 8x).

It offers wide viewfield at low magnification, enabling easy confirmation of observation targets, while its cutting-edge optics provide bright and sharp images through the entire viewfield. The SMZ1270i is also equipped with intelligent functions that enable automatic detection of magnification data

Optical system	Parallel-optics type (zooming type)
Zoom ratio	12.7 : 1
Zoom range	0.63 - 8x (0.63/1/2/3/4/6/8x stops)
Total magnification	3.15 - 480x (depending on eyepiece and objectives) (with coaxial episcopic illuminator: 15 - 540x)
Eyepieces	C-W10xB (F.N. 22), C-W15x (F.N. 16), C-W20x (F.N. 12.5), C-W30x (F.N. 7)
Objectives	Plan Apo 0.5x/WF, Plan Apo 0.75x/WF, Plan Apo 1x/WF, ED Plan 1.5x/WF, ED Plan 2x/WF
Working distance	70 mm (with Plan Apo 1x/WF)
Weight (approx.)	9.8 kg (with P-B Binocular Tube+ P-DSL32 LED Diascopic Illumination Stand) 11.9 kg (with P- TERG100 Trinocular Tilting Tube + P-DSL32 LED Diascopic Illumination Stand)
Tubes	Eyepiece inclination: 20° (P-B Binocular Tube) / 15° (P-TL100 Trinocular Tube) / 0°-30° (P- TERG100 Trinocular Tilting Tube P- TERG50 Trinocular Tilting Tube)



SMZ-1270

Nikon SMZ-1270 Microscope

Each



Microscopes

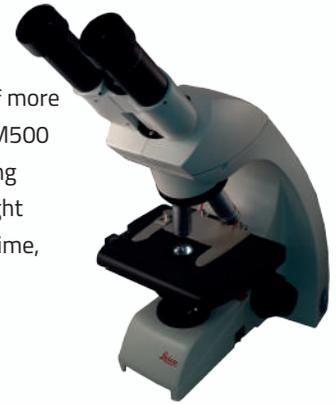
Phase-Contrast Binocular Upright Microscope

Leica DM500

The Leica DM500 microscope was specifically developed to revitalise science and to achieve the goal of more hands-on time for Life Science. With many friendly features and high-quality construction, the Leica DM500 invigorates science research effectively and efficiently. Leica's Microsystems range provides outstanding optical performance with full access to virtually all accessories. LED illumination provides cool, white light with a lifetime of over 20 years average use. There is no longer the need to change lamps during lab time, and saves the expense of replacement bulbs.

- Standard condenser for magnifications 4x – 100x.
- Phase turret condenser for brightfield and phase contrast.

DM500 Leica DM500 Phase Contrast Microscope Each



Bright Field Binocular Upright Microscope

Aspen GTC10

The Aspen GTC10 microscope represents a new generation of affordable but advanced instruments with the latest optical design and advanced build quality incorporating all the features you would expect to find in much more expensive microscopes. Featuring a modern, robust and safe, ergonomic design which is very simple to use and an easy to carry, compact stand with a variety of options as standard. Backed by a comprehensive

- Magnification x40-x1000
- Built in light
- X4, x10, x40, x100 lens
- Quintuple turret has four D plan x4, x10, x40, x100 lens
- Brightness Control
- Large mechanical stage with double Vernier has drop down coaxial controls

GTC10 Aspen GTC-10 Microscope Each



Accessories

J-335 Microscope Slides 50 Pack

49001 Microscope Coverslips 18 x 18mm 100 Pack

631-0124 Microscope Coverslips 22 x 22mm 200 Pack

02270113 Neubauer Counting Chamber Each

Makler Counting Chamber

Makler Chambers is a device that is used to determine a concentration of spermatozoa in million /ml, when any strip of 10 squares is counted

MAK1 Makler Counting Chamber Kit



Microscope cameras

HICHROME-MET HDMI

HICHROME-MET HDMI High Resolution 1080P Live Camera Direct with optional Display also USB With SD Storage - C-Mount - No Computer Needed but it does also include a USB link to PC and the superb GXCapture software suite. This stunning camera has a unique internal dual processor design producing fantastic colour images with no flicker. It connects direct to any HDMI display displaying 2.0MP (1920x1080) resolution images live at an amazing 60 frames per second, with the added bonus of live measurements. Superb performance in fluorescence. Simply the very best, truest colour, sharp, live image you can get for microscopy, this camera outperforms others cameras on the market for £4000+. To capture a 6MP image simply press the button to store onto a removable SD card. Perfect for industry, teaching, displays, demonstrations and collaborative work. The camera requires a c-mount adapter.

This camera is available with or without the screen

Camera Specifications

- 1080P 2.0MP (1920x1080) resolution images live at an 60 frames per second
- 3246X1836 image capture file size: 6MP
- Records 720P resolution video sequences at 12.5FPS
- Exceptionally good at low light imaging, especially fluorescence.
- Storage to removable SD card
- USB Connection to PC with full functionality via the GXCapture software suite
- The version without a built-in screen will connect to a widescreen monitor with 16:9 aspect ratio using the HDMI input and HDMI cable. (the built-in screen version can also be connected to an external monitor)
- Over 200 functions with GXCapture including flat field live correction, extended focus,image stitching, annotations with calibrated scalebars and image analysis.
- On screen menus for setting gain, white balance, colour, format and all other controls.
- *BRAND NEW FEATURE: MEASUREMENTS ON THE LIVE IMAGE**



0843

HiChrome MET with Screen

Each

HICHROME-LITE

GXCAM HICHROME-LITE series HDMI High Resolution 1080P Live Camera Direct with optional Display also USB With SD Storage - C-Mount - No Computer Needed but it does also include a USB link to PC and the superb GXCapture software suite. This camera has a unique internal dual processor design producing good colour images with no flicker. It connects direct to any HDMI display displaying 2.0MP (1920x1080) resolution images live at an amazing 60 frames per second, with the added bonus of live measurements. To capture a 5MP image simply press the button to store onto a removable SD card. Perfect for industry, teaching, displays, demonstrations and collaborative work. The camera requires a c-mount adapter. This camera is available with or without the screen.

Camera Specifications

- 1080P 2.0MP (1920x1080) resolution images live at an 60 frames per second
- 2592x1944 image capture resolution: 5MP
- Records 720P resolution video sequences at 12.5FPS
- Exceptionally good at low light imaging, especially fluorescence.
- Storage to removable SD card
- USB Connection to PC with full functionality via the GXCapture software suite
- The version without a built-in screen will connect to a widescreen monitor with 16:9 aspect ratio using the HDMI input and HDMI cable. (the built-in screen version can also be connected to an external monitor)
- Over 200 functions with GXCapture including flat field live correction, extended focus,image stitching, annotations with calibrated scalebars and image analysis.
- On screen menus for setting gain, white balance, colour, format and all other



0844

HiChrome Lite with Screen

Each

Semen Analysis

IMV Photometers

Accuread

Small and portable sperm cell density meter, Accuread operates on AC and battery. Direct reading of concentration through long lifetime LED source combined with fiber optic (no filter), it also displays results in direct concentration or absorbance. Delivered with RS 232 connection.

- Accurate
- Species specific adaptation
- Easy to use and clean
- Lightweight

019954 IMV Accuread Density Meter Each



Accucell

- A tool developed for an accurate measurement of the concentration of all types of ejaculate.
- Direct reading of concentration; absorbance or concentration calculation.
- Unit also calculates the volume of media to be added and potential number of doses
- Concentration: simultaneous display of the concentration and absorbance after a user defined delay
- Absorbance: real time display
- RS 232 connection
- Low maintenance

014435 IMV Accucell Density Meter Each



Accuread and Accucell Accessories

005155 Cuvette for photometer 100 Pack

015988 0.9% NaCl solution. 9/1000. Each

Minitube Photometers

SDM1

- For measuring sperm concentration.
- With 100 - 240 V adapter and batteries.

12300 0101 SM1 Photometer Density Meter Each



SDM6

Integrated printer and touch screen display. Used to determine semen concentration for bovine, porcine, ovine/caprine and equine incl. dose calculation Program for display of extinction. Serial interface for data transfer. Digital display: result in billion of sperm/ml Print out includes the following data: sperm quality and quantity, volume of diluent required and sperm per dose. 110 - 230 V/ 50 - 60 Hz

12300 0006 SDM6 Photometer Density Meter Each



SDM1 and SDM6 Accessories

12300 1111 Cuvette for SDM1 photometer 100 Pack

12301 0003 Cuvette for SDM6 photometer 100 pack

Freeze Control Systems

A range of Freeze Control® Cryochambers are available to suit different applications with cooling rates appropriate for most protocols. Cryochambers are interchangeable, and the design ensures symmetrical heat transfer from all specimens to liquid nitrogen. The chamber stands directly in liquid nitrogen within the cryobath, and is connected to the controller which regulates the temperature of the specimens. The highly conductive material used for the chamber ensures a very high degree of temperature uniformity within each specimen, and whether or not liquid nitrogen levels are sufficient. Specimen temperature is measured continuously and is monitored by a precision platinum temperature sensor permanently mounted in the core.

Cryologic Freeze Control

- Freeze Control units are supplied as a complete kit including a 23-Slot Cryochamber
- Standard LN₂ Cryobath
- Carry Case (for controller, chamber & standard cryobath)
- Power Pack & Car Cable for Power Pack (with socket for car mount)
- If all items are not required or specific criteria are needed, then adjustments may be made at the time of quotation
- Although Cryologic have specific standard regimes, these can be modified to suit individual experiences or preferences
- Please note the complete range of Cryologic equipment and accessories may also be purchased as separate items.



2200SYS	4 Pre-installed protocols	Temperature control range +20°C to -43°C
3300SYS	Small User-programmable	Temperature control range +40°C to -120°C
3303SYS	User-programmable + 3 chambers for equine semen	Temperature control range +40°C to -120°C
5500SYS	16 Pre-installed protocols	Temperature control range +20°C to -43°C
8800SYS	16 Pre-installed protocols + programmable	Temperature control range +40°C to -120°C

Vitrification

The CryoLogic Vitrification Method is a simple and reliable process used to vitrify and thaw specimens. The CVM™ kit overcomes many of the problems usually encountered with vitrification. It has been specially designed to provide ultra-rapid cooling of specimens without their immersion in or direct contact with liquid nitrogen. Specimens are collected into small droplets and each droplet is transferred onto a hook at the end of a custom-designed fibre called a Fibreplug™. The droplets are vitrified by touching the hook of the Fibreplug™ to the surface of a chilled block. The CryoLogic Vitrification Method not only provides ultra-rapid cooling of specimens, but just as important, is the ultra-rapid warming of specimens.

Kit includes Vitrification Block & Lid; Bath; 100 Plugs & Straws (packs of 10); Pipettor; 10 Pipette Tips; Tutorial CD and Manual



CSKIT	CVM Vitrification Kit	Kit
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Manual Freeze Racks

Minitube Manual Freeze Rack

High quality Styrofoam box; and inner Stainless-steel Container with a Floating Rack.

For use, the Stainless-steel container is filled with liquid nitrogen. A Floating Rack keeps the required distance between 0.25 ml or 0.5 ml straws during the first temperature reduction phase, while it floats on liquid nitrogen. The straw-filled rack is then manually immersed into the liquid nitrogen.

This is an easy, but robust and effective solution for standard freezing in nitrogen vapour before storing in liquid nitrogen containers.

The distance between straws and liquid nitrogen level can be adjusted

- The Rack is designed for 0.25 ml/cc and 0.5 ml/cc straws
- Low nitrogen consumption
- High quality Styrofoam chest and stainless steel inner box with working tray
- Easily transportable

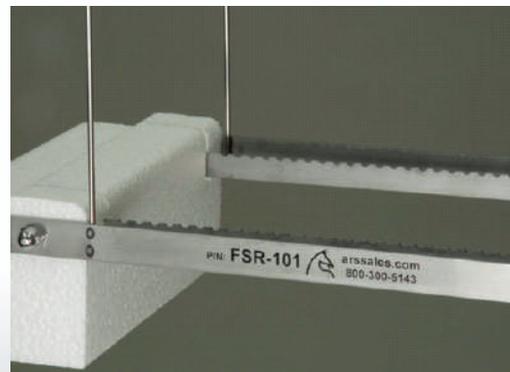
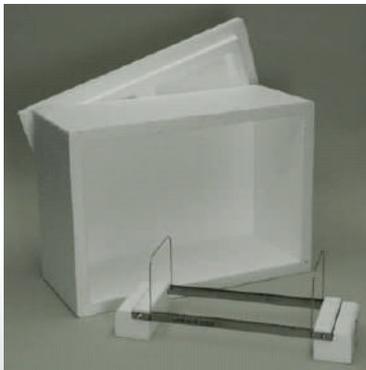


15043/0636 Minitube Freezing unit for 20 straws 0.25 ml and 0.5 ml Each

ARS Manual Freeze Rack - Equine

The ARS Floating Freezing Rack is designed to provide optimal cooling for up to fifty 0.5 ml straws. The 3 cm elevation over the liquid nitrogen is maintained during the entire freezing process. This avoids the need for a digital thermocouple thermometer.

This box is ideally sized to allow loading freezing straws into goblets for storage. An 52 cm x 37 cm x 26 cm foam box and lid with a 2.5 cm wall is included.



FSR-101 ARS Floating Straw Rack and Cooling Chest 0.5 ml Each

ARS Manual Freeze Rack replacement parts

FSR-101-chest ARS Floating Straw Rack Replacement Chest Each

FSR-101-float/2 ARS Floating Straw Rack Replacement float Each

Dry Shippers

Taylor Wharton CX100 Dry Shipper

Taylor-Wharton CX Series Refrigerators

The CX Series (Cryo Express) Dry Shippers are designed to transport a variety of materials at cryogenic temperatures. Storage temperature inside the shipping cavity remains at a minimum of -150°C until the liquid nitrogen evaporates. If the unit is tipped over the absorbent material prevents a liquid spill.



CX100 Taylor-Wharton Dry Shipper

Specifications

Static Hold Time	24 Days
Working Hold Time	21 Days
Normal Evaporation Rate (L/Day)	0.18
LN2 Capacity L	4.4
Weight Empty Kg	5.3
Weight Full,Kg	8.9
Neck Diameter, mm	71
Overall Height,mm	467
Overall dia,mm	234
Number of canisters	1

238-086 Shipping Enclosure for CX100

MVE Dry Shippers

MVE Vapour Shippers are designed for the safe transportation of biological samples at cryogenic (-150°C or colder) temperatures. MVE CryoShipper QWick Series utilises an absorbent material that charges with liquid nitrogen in fewer than two hours, providing the capacity for same-day vapour shipping. Manufactured from durable, lightweight aluminium, both series employ a hydrophobic compound which absorbs the liquid nitrogen to ensure dry, spill-free vapour-phase shipping. A protective shipping carton is available for all models (except the SC 20/12V). These containers may be used to ship your samples with a "non-hazardous" classification throughout the world, thus reducing costs and helping to assure sample viability.

9918479 SC4/2V MVE Dry Shipper

Specifications

Static Hold Time	14 days
Normal Evaporation Rate (L/Day)	0.26
LN2 Capacity L	3.6
Weight Empty Kg	5
Weight Full,Kg	8.1
Neck Diameter, mm	71
Overall Height,mm	468
Overall dia,mm	222
Number of canisters	1
Canister dimensions	268x67mm



10817330 SC4-3V MVE Dry Shipper

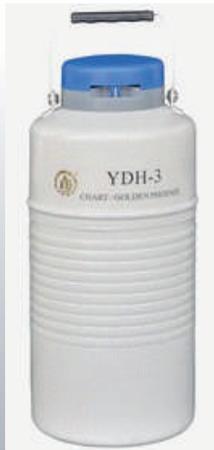
Specifications

Static Hold Time	21 Days
Normal Evaporation Rate (L/Day)	0.20
LN2 Capacity L	4.3
Weight	
Weight Empty Kg	5.2
Weight Full,Kg	9.3
Neck Diameter, mm	51
Overall Height,mm	492
Overall dia,mm	222
Number of canisters	1

MVE Asia Dry Shipper

MVE Asia dry shippers are produced to a very high standard but offer an affordable solution to shipping your specimens.

- **High Strength aluminium alloy structure.**
Light empty weight.
- **Optional locking cover to protect stored biological samples.**
- **Protective jacket to prevent collision,**



20005473 YDH-3 MVE Asia Dry Shipper

Specifications

Static Hold Time	25 Days
Normal Evaporation Rate (L/Day)	0.14
LN2 Capacity L	3.5
Weight	
Weight Empty Kg	5.2
Weight Full,Kg	8.7
Neck Diameter, mm	50
Overall Height,mm	505
Overall dia,mm	224
Number of canisters	1

9179449 Shipping Enclosure for SC4/2V , SC4/3V & YDH-3

Liquid Nitrogen Tanks

Taylor Wharton Tanks

The HC (high capacity) refrigerators are designed for storing large quantities of a various materials at cryogenic temperatures. Temperatures generally range between -196°C at the liquid surface and -184°C under the closed neck core.



HCL12 Taylor-Wharton HCL12 LN₂ Tank

Specifications

Static Hold Time	60 Days
Working Hold Time	37 Days
Normal Evaporation Rate (Litres per day)	0.20
LN ₂ Capacity (Litres)	12
Weight Empty Kg	9.8
Weight Full,Kg	19.5
Neck Diameter, mm	91
Overall Height,mm	482
Overall dia,mm	396
Number of canisters	6
Canister dimensions	70x127

HC20 Taylor-Wharton HC20 LN₂ Tank

Specifications

Static Hold Time	87 Days
Working Hold Time	54 Days
Normal Evaporation Rate (Litres per day)	0.23
LN ₂ Capacity (Litres)	20
Weight Empty Kg	12
Weight Full,Kg	28.2
Neck Diameter, mm	91
Overall Height,mm	615
Overall dia,mm	396
Number of canisters	6
Canister dimensions	70x279

HC34 Taylor-Wharton HC34 LN₂ Tank

Specifications

Static Hold Time	200 Days
Working Hold Time	125 Days
Normal Evaporation Rate (Litres per day)	0.17
LN ₂ Capacity (Litres)	34
Weight Empty Kg	16.1
Weight Full,Kg	43.6
Neck Diameter, mm	91
Overall Height,mm	688
Overall dia,mm	478
Number of canisters	6
Canister dimensions	70x279

HC35 Taylor-Wharton HC35 LN₂ Tank

Specifications

Static Hold Time	131 Days
Working Hold Time	80 Days
Normal Evaporation Rate (Litres per day)	0.27
LN ₂ Capacity (Litres)	35
Weight Empty Kg	17.7
Weight Full,Kg	46.0
Neck Diameter, mm	119
Overall Height,mm	681
Overall dia,mm	478
Number of canisters	10
Canister dimensions	67x279

Taylor-Wharton XT series refrigerators

The ET series (Extended Time) cryogenic refrigerators are designed for long term storage of numerous materials at cryogenic temperature. The narrow neck ensures low evaporation times, for reduced running costs.

XT10 Taylor-Wharton XT10 LN₂ Tank

Specifications

Static Hold Time	100 Days
Working Hold Time	62 Days
Normal Evaporation Rate (Litres per day)	0.10
LN ₂ Capacity (Litres)	10
Weight Empty Kg	7.5
Weight Full,Kg	15.6
Neck Diameter, mm	51
Overall Height,mm	597
Overall dia,mm	290
Number of canisters	6
Canister dimensions	38x279

XT21 Taylor-Wharton XT21 LN₂ Tank

Specifications

Static Hold Time	221 Days
Working Hold Time	138 Days
Normal Evaporation Rate (Litres per day)	0.095
LN ₂ Capacity (Litres)	21
Weight Empty Kg	11.8
Weight Full,Kg	28.8
Neck Diameter, mm	55.4
Overall Height,mm	655
Overall dia,mm	396
Number of canisters	6
Canister dimensions	41.9x279

XT21-AI Taylor-Wharton XT21-AI LN₂ Tank

Specifications

Static Hold Time	230 Days
Working Hold Time	140 Days
Normal Evaporation Rate (Litres per day)	0.09
LN ₂ Capacity (Litres)	20.7
Weight Empty Kg	11.8
Weight Full,Kg	28.6
Neck Diameter, mm	51
Overall Height,mm	655
Overall dia,mm	393
Number of canisters	6
Canister dimensions	38x279

Liquid Nitrogen Tanks

MVE Tanks - Spectrum Series

The Spectrum Series is designed for users who have small capacity needs. They are ideal for long-term storage with low liquid nitrogen consumption in a convenient lightweight package.



11736179 MVE Spectrum 8 LN₂ Tank

Specifications

Static Hold Time	100 Days
Working Hold Time	62 Days
Normal Evaporation Rate (Litres per day)	0.10
LN ₂ Capacity (Litres)	10
Weight Empty Kg	7.5
Weight Full,Kg	15.6
Neck Diameter, mm	51
Overall Height,mm	597
Overall dia,mm	290
Number of canisters	6
Canister dimensions	38x279

11736187 MVE Spectrum 12 LN₂ Tank

Specifications

Static Hold Time	73 Days
Working Hold Time	46 Days
Normal Evaporation Rate (Litres per day)	0.15
LN ₂ Capacity (Litres)	11
Weight Empty Kg	7.7
Weight Full,Kg	16.6
Neck Diameter, mm	55.4
Overall Height,mm	549
Overall dia,mm	260
Number of canisters	6
Canister dimensions	41.9x279

11736208 MVE Spectrum20 LN₂ Tank

Specifications

Static Hold Time	205 Days
Working Hold Time	135 Days
Normal Evaporation Rate (Litres per day)	0.10
LN ₂ Capacity (Litres)	20.5
Weight Empty Kg	10.5
Weight Full,Kg	27
Neck Diameter, mm	55.4
Overall Height,mm	652
Overall dia,mm	368
Number of canisters	6
Canister dimensions	41.9x279

11736216 MVE Spectrum 35 LN₂ Tank

Specifications

Static Hold Time	360 Days
Working Hold Time	192 Days
Normal Evaporation Rate (Litres per day)	0.102
LN ₂ Capacity (Litres)	36.5
Weight Empty Kg	15.9
Weight Full,Kg	44
Neck Diameter, mm	55.4
Overall Height,mm	657
Overall dia,mm	464
Number of canisters	6
Canister dimensions	41.9x279

MVE Tanks- XC Series

MVE XC series tanks have capacities ranging from 700-5000 straws. Manufactured to a world class level of excellence, these durable, lightweight units can be relied on to perform in the most demanding of environments

9918539 MVE XC 22/5 LN₂ Tank

Specifications

Static Hold Time	60 Days
Working Hold Time	38 Days
Normal Evaporation Rate (Litres per day)	0.35
LN ₂ Capacity (Litres)	21
Weight Empty Kg	10.9
Weight Full,Kg	28.1
Neck Diameter, mm	89
Overall Height,mm	438
Overall dia,mm	464
Number of canisters	6
Canister dimensions	79x279

9918069 MVE XC 33/22 LN₂ Tank

Specifications

Static Hold Time	238 Days
Working Hold Time	154 Days
Normal Evaporation Rate (Litres per day)	0.14
LN ₂ Capacity (Litres)	33.4
Weight Empty Kg	15.4
Weight Full,Kg	42.5
Neck Diameter, mm	70
Overall Height,mm	660
Overall dia,mm	464
Number of canisters	6
Canister dimensions	56x279

10743027 MVE XC 34/18 LN₂ Tank

Specifications

Static Hold Time	193 Days
Working Hold Time	123 Days
Normal Evaporation Rate (Litres per day)	0.18
LN ₂ Capacity (Litres)	34.8
Weight Empty Kg	15.4
Weight Full,Kg	43.5
Neck Diameter, mm	89
Overall Height,mm	675
Overall dia,mm	464
Number of canisters	6
Canister dimensions	71x279

Liquid Nitrogen Tanks

Air Liquide Liquid Nitrogen tanks.

The GT range of aluminium dewars with super-insulation and resin neck tanks combine thermal efficiency, lightness and strength. The polyurethane paintwork gives the container a quality finish and remarkably long life. The containers are made in accordance with extremely strict internal quality assurance rules (ISO 9001 version 2000). All GTs comply with international regulations applicable to the transport of dangerous materials by land,



GT14/6 Air Liquide GT14/6 LN₂ Tank

Specifications

Static Hold Time	57 Days
Working Hold Time	36 Days
Normal Evaporation Rate (L/Day)	0.24
LN ₂ Capacity L	13.5
Weight Empty Kg	9.5
Weight Full,Kg	20.4
Neck Diameter, mm	80
Overall Height,mm	455
Overall dia,mm	358
Number of canisters	6
Canister dimensions	67x120

GT26 Air Liquide GT26 LN₂ Tank

Specifications

Static Hold Time	90 Days
Working Hold Time	56 Days
Normal Evaporation Rate (L/Day)	0.26
LN ₂ Capacity L	26.7
Weight Empty Kg	14.8
Weight Full,Kg	36
Neck Diameter, mm	80
Overall Height,mm	460
Overall dia,mm	468
Number of canisters	9
Canister dimensions	67x110

GT40 Air Liquide GT40 LN₂ Tank

Specifications

Static Hold Time	140 Days
Working Hold Time	88 Days
Normal Evaporation Rate (L/Day)	0.29
LN ₂ Capacity L	40
Weight Empty Kg	24
Weight Full,Kg	57
Neck Diameter, mm	120
Overall Height,mm	710
Overall dia,mm	468
Number of canisters	10
Canister dimensions	73x280

High Capacity

GT11 Air Liquide GT11 LN₂ Tank

Specifications

Static Hold Time	130 Days
Working Hold Time	80 Days
Normal Evaporation Rate (L/Day)	0.09
LN ₂ Capacity L	12.2
Weight Empty Kg	9.2
Weight Full,Kg	15.7
Neck Diameter, mm	50
Overall Height,mm	630
Overall dia,mm	308
Number of canisters	6
Canister dimensions	38x120

GT21 Air Liquide GT21 LN₂ Tank

Specifications

Static Hold Time	225 Days
Working Hold Time	140 Days
Normal Evaporation Rate (L/Day)	0.09
LN ₂ Capacity L	21.5
Weight Empty Kg	13
Weight Full,Kg	30.4
Neck Diameter, mm	50
Overall Height,mm	660
Overall dia,mm	308
Number of canisters	6
Canister dimensions	38x120

GT35 Air Liquide GT35 LN₂ Tank

Specifications

Static Hold Time	350 Days
Working Hold Time	219 Days
Normal Evaporation Rate (L/Day)	0.09
LN ₂ Capacity L	33.6
Weight Empty Kg	15
Weight Full,Kg	43
Neck Diameter, mm	50
Overall Height,mm	660
Overall dia,mm	468
Number of canisters	6
Canister dimensions	38x120

Freezing Accesories

Goblets



EFE105	10mm Freezing Goblets (White)	10 Pack	EFE107	13mm Freezing Goblets (Yellow)	10 Pack
EFE108	10mm Freezing Goblets (Yellow)	10 Pack	B4-7440	13mm Freezing Goblets (White)	150 Pack
B4-7430	10mm Freezing Goblets (White)	200 Pack	B4-7609	13mm Freezing Goblets (Yellow)	150 Pack
B4-7439	10mm Freezing Goblets (Yellow)	200 Pack	EFE125	35mm Freezing Goblets (White)	Each

Daisy Goblets



015152	Daisy Goblet (Clear)	1 x 65mm goblet ,11 pie-shaped visotubes, 1 center 17 mm goblet	Each
015154	Daisy Goblet (Red)	1x 65mm goblet ,11 pie-shaped visotubes, 1 center 17 mm goblet	Each
015155	Daisy Goblet (Green)	1 x 65mm goblet ,11 pie-shaped visotubes, 1 center 17 mm goblet	Each
015156	Daisy Goblet (Yellow)	1 x 65mm goblet ,11 pie-shaped visotubes, 1 center 17 mm goblet	Each
015157	Daisy Goblet (Pistachio)	1 x 65mm goblet ,11 pie-shaped visotubes, 1 center 17 mm goblet	Each
015158	Daisy Goblet (Parme)	1 x 65mm goblet ,11 pie-shaped visotubes, 1 center 17 mm goblet	Each
015159	Daisy Goblet (Blue)	1 x 65mm goblet ,11 pie-shaped visotubes, 1 center 17 mm goblet	Each

Canes & Tabs

EFE110	ID. Tabs For Aluminium Canes (White)	25 Pack
EFE112	ID. Tabs For Aluminium Canes (Yellow)	25 Pack
F09A	ID. Tabs For Aluminium Canes (White)	100 Pack
F09AY	ID. Tabs For Aluminium Canes (Yellow)	100 Pack
EFE100	Cane for 10mm Goblets	25 Pack
F30	Cane for 10mm Goblets	100 Pack
EFE130	Cane for 13mm Goblets	25 Pack
F31	Cane for 13mm Goblets	75 Pack



Labelling

Thermal Labelling System

An easy and legible method of labelling embryo containers.

Hand-held and battery operated for quick and effortless creation for professional straws, sealing plugs, goblets and aluminium canes.

The label material, adhesive and ink are proven to be stable in liquid nitrogen . At just 1.25Kg it is the only handheld Barcode/Label Printer.



BMP71	Labeller complete with printer ribbon, 2 rolls of Labels
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Marking

Waterproof permanent marker pens for writing on straws.



ETE071	Extra fine point	Black
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Water Baths

Grant Water Baths



The quality and reliability of these products have made Grant a leading manufacturer of water baths for decades.

- **Regarded as the 'standard' for digital and analogue water baths**
- **unbeatable for everyday use** – safe for your samples and safe for the user
- **Durable and easy to use** – with Grant's legendary quality and reliability built in
- **A complete range for all your needs** – offers the reliability, performance and value for

Grant Sub-Aqua Plus Series

SUB Aqua Plus – the digital water bath range. Wide choice of eight models, including shallow and dual models. Supplied with lid and base tray.

Temperature range +5°C-99°C

SUBAQUA2 2 Litre Unstirred Water Bath Dimensions: 125 x 140 x 115 cm Digital

SUBAQUA2S 2 Litre Unstirred Water Bath Dimensions: 145 x 290 x 30 cm Digital

SUBAQUA5 5 Litre Unstirred water bath Dimensions: 145 x 290 x 115 cm Digital

Semen and Embryo Thawing

DM Thaw unit

It is very important that semen is thawed consistently at the right temperature of 35-38°C (95-100°F) and for the correct period of time of 45 seconds.

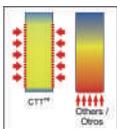
If this does not happen, a percentage of sperm will die long before they ever see a cow. This has even greater consequences for sexed semen and older straws.

- Adjustable digital temperature 20-40°C
- (99% accuracy) which can be set at correct temperature for normal and sexed semen
- Built in countdown timer with buzzer – one button operation
- Gun warmer chamber – keep thawed straws and guns at a stable temperature
- Large removable straw basket
- Watertight lid with pressure relief valve
- Fully insulated flask to help retain heat
- Latest low energy use rated electronics
- Supplied with 120-220vdc & 12vdc power supplies
- CE, UL and cUL compliant



18500 DM Super Thaw Unit Each

IFT Super Thaw



CTT™

Automatically heats and maintains an accurate and continuous temperature for thawing. Its unique heating system (CTT™) which covers the wall of the inner cylinder provides a uniform heat without irregularities and without any need to agitate the water.

4-Slot Divider:

The inner cylinder contains a 4-slot divider which helps to identify/organise semen straws. The 4-slot divider acts as a reference level for filling the cylinder with clean



Straw Lifter:

The lifter elevates the straws to obviate the use of fingers, causing the semen to warm unevenly, and so reducing sperm vitality.

Power Supply Kit:

The IFT "Semen Thaw Unit" can take you anywhere thanks to its power supply kit. 4 metre power cord; 12V car socket; Battery Clips and Automatic power pack for mains 110/220V.



IFT-STHAW IFT Super Thaw Unit Each

IFT SmartWarmer™

The IFT SmartWarmer™ is the ideal way to maintain AI/ET guns at the desired temperature when loaded with semen, sexed semen and embryos in order to avoid "THERMAL Shock" after thawing, during artificial insemination, embryo transfer and pre loading your guns. It can also be used for transporting embryos or oocytes from the collection centre to the farm.

Unlike conventional AI/ET gun warmers in today's market, the IFT SmartWarmer™ enables the end user to select and set the desired temperature to work with. 9 set points are programmed and controlled at: 25/30/33/35/36/37/38/40/42°C.

No matter which temperature is selected, the Microcontroller will automatically cease heating when the sensors



IFT-GW IFT SmartWarmer Each

Semen Collection - Equine

Artificial Vaginas

INRA Artificial Vagina

- Latex water jacket
- Double handled for ease of use
- Rigid outer shell
- Kit includes AV Body; Latex Water Jacket; External Latex Liner; Stimulating End Cone and Rubber Bands.



021933	INRA Complete Artificial Vagina	Each
006639	Protective Muff for INRA vagina	Each
017585	Disposable Liners for INRA vagina	50/pack
020106	Semen Filters- 230mm	100/pack
021937	INRA Vagina Body	Each

005200	Cone for INRA body	Each
005177	External Liner for INRA vagina	Each
005176	Inner Liner for INRA vagina	Each
019265	Rubber for INRA vagina	Each

Missouri Artificial Vagina

- Latex AV, 16" or 22"
- Metal filling port allows rapid filling
- Single piece latex liner with tapered cone
- Leather jacket and reinforced handle assist in collection
- Kit includes 16" or 22" latex AV; Leather Jacket; 2 plastic 250cc collection bottles; Bottle Adaptor; Semen Filters, Filling System and 10 Disposable Liners.



61630	Missouri 16" Artificial Vagina – Complete	Each
61623	Missouri Leather Jacket	Each
61625	Missouri 16" Latex Liner	Each
61635	Missouri Disposable Liners with Filter	10/pack
61636	Missouri Disposable Liners without Filter	10/pack

61629	Missouri 22" Artificial Vagina – Complete	Each
61622	Missouri Leather Jacket	Each
61624	Missouri 22" Latex Liner	Each

Colorado Artificial Vagina

- Rigid plastic AV with handle
- Physical shell has a large 6" diameter
- Protective rubber ends fixed to rigid shell
- Kit includes AV, water jacket liner, 7" bands, water filling system, ten disposable liners with filter and cup.



61645	Colorado Artificial Vagina – Complete	Each
61646	Colorado Latex Water Jacket	Each
61649	Colorado Disposable Liner w/o filter	10/pack
61642	Colorado AV Filter 2 1/4" x 6"	25/pack
61647	Colorado Latex Collection Liner tapered end 22"	Each

ARS Colorado Accessories

SAVL102-25	Disposable Liner w/o filter tapered end	25/pack
RAVL102RTU	Latex Collection Liner – Straight 22"	Each

Semen Collection - Bovine, Ovine & Caprine

Artificial Bull Vagina, Spares and Accessories

Bull Artificial Vaginas (AV)

The AV design protects the bull from injury. The smooth internal and external finishes, with rounded ends, ensures ease of cleaning. The water-filling port is also fitted with a 1.59 cm (5/8") screw-cap valve.

005417 IMV Bull Artificial Vagina Each

Artificial Vagina Liners and Cones – Bovine

Cones and liners are manufactured from high quality latex rubber or Neoprene.

Latex Liners & Cones - Bovine

7130 Smooth Liner with End Cone 26" Each

7125 Rough Liner with End Cone 26" Each

7100 Lightweight End Cone 12.25" Each

7110 Heavyweight End Cone 12.25" Each

D7125 Diamond Latex - 26" Each

005329 Smooth Latex Liner for Bull AV Each

005330 Rough Latex Liner for Bull AV Each

005204 Silicone End Cone for Bull AV Each

Neoprene Liners - Bovine

005331 Smooth Neoprene Liner - Bovine AV Each

005332 Rough Neoprene Liner - Bovine AV Each

Disposable A.V. End Cone - Bovine

B2-7000 Plastic Disposable End Cone 11" 100/box

Artificial Vagina Sheep/Goats and Parts

Ram AV

Artificial Vagina is 13cm long x 4.5cm" diameter, fitted with air and water filling valve.

007179 IMV Ram Vagina - 13cm x 4.5cm Each

AV Liners and Cones – Sheep/Goats

Cones and liners are manufactured from high quality latex rubber and Neoprene.

Latex Liners

1437 AV Liner Sheep & Goat - Rough Each

1438 End Cone for Goat and Sheep AV Each

Neoprene Liners

001698 Smooth Liner for Ram Vagina Each



Semen Collection - Ejaculators

Pulsator V System

Lane Manufacturing is proud to introduce the most advanced electronic ejaculator available, Pulsator V. Pulsator V has the same high quality manufacturing and use you have come to expect with the Pulsator IV, but has many new features

Features include:

- State of the art electronics
- Improved battery and battery charging technology
- Smoother signal to the bull
- Loop button to repeat the last stimulus used Stimuli counter
- Auto Adjust, enables interaction within the program
- Multiple, pre-programmed programs designed for specific breeds.

30-60U Pulsator V Ejaculator System- Complete Each



We continue to offer our 5 year warranty and 90 day money back guarantee. The complete kit includes: Pulsator V, 2 probe cords, one 2-electrode bull probe (your choice of size and handle configuration), battery charger, semen collection handle, scrotal tape, 100 each disposable director cones and vials, carrying case and user guide.

Pulsator IV

The Pulsator IV has three modes of operation – 'manual'; 'program' and 'learn.' It is lightweight and can be operated by its internal battery or by an external power supply.

- The compact lightweight design is less than 5Kg.
- **Programme mode** has a pre-programmed collection sequence allowing the operator to increase or decrease the preprogrammed stimulus.
- It can drop programme and go fully manual to give operator complete control.
- **Manual mode** with 9 level limiting step switch and a restart control.

20-25-60U Pulsator IV Ejaculator System- Complete Each



- This ejaculator is sold with a 5-year warranty on parts and labour. 1 year warranty on the battery.
- The complete kit includes: Pulsator IV machine; Battery Charger; Power Supply; 1 Probe (choice of size: 60,75 or 90mm); 2 Probe Cords; Scrotal Tape; Semen Collection Handle; 100 Disposable Cones; Vials and Instructions.

Ejaculator Accessories

Electrode Probes

Assorted probes for Pulsator IV system.



A



B



C



D

24-60SX	Bull Probe 60mm Standard (A)	Each	24-60WX	Bull Probe 60mm Weighted Bull Probe	Each
24-60UX	Bull Probe 60mm Upright	Each	24-60UWX	Bull Probe 60mm Upright Weighted (D)	Each
24-75SX	Bull Probe 75mm Standard	Each	24-75WX	Bull Probe 75mm Weighted (C)	Each
24-75UX	Bull Probe 75mm Upright	Each	24-75UWX	Bull Probe 75mm Upright Weighted	Each
24-90SX	Bull Probe Standard	Each			
24-90UX	Bull Probe Upright (B)	Each			

Pulsator IV Ram Probe

3.13 cm / 1.25" Diameter probe without Probe Cord. Designed to collect

22-2X Ram Probe Each



Ram Ejaculator

The Lane Ram Ejaculator is designed for occasional use to collect semen from goats and sheep. It includes a High/Low switch on the back of the unit.

26-0 Ram Ejaculator Each

Rice Pelivimeter

Used to measure the pelvis size of the female to determine which bulls to breed with, potential calving problems, selecting replacement heifers, and determining your breeding stock. Comes with instructions for taking measurements, and charts showing the relationship between pelvic size/calf weights to dystocia.



Consumables

27-0	Disposable Director Cone (open end)	100/pk
27-0-C	Disposable Director Cone (Closed end)	100/pk
27-1	Disposable Vials	100/pk
33-01	Scrotal Tape, 80cm (Metal)	Each
33-02	Scrotal Tape, 60cm (Plastic)	Each



Insemination

Bovine Insemination

Insemination Guns - Kombi Colour

018399	KOMBICOLOUR - Blue	• Only 2 parts
018398	KOMBICOLOUR - Green	• Sheath Easily secured
018400	KOMBICOLOUR - Red	• Bigger ring fits better to handle
018397	KOMBICOLOUR - Yellow	• One gun for mini and medium straws
018396	KOMBICOLOUR - White	• 5 colours available for better identification
		• Stainless-steel



alpha sheath - Better Breeding

- **Palpable dome head design.** Facilitates optimum placement
- **Better straw fit.** No back flow
- **Crystalline plastic.** Easy reading of straw print including through the head
- **Dual-lateral delivery.** Improves hygiene
- **Transparent head.** Makes fluids easy to see upon withdrawal
- **Improved connection.** Prevents separation from the gun.
- **Flexible and resilient,** assists in placement

024485	IMV alpha Insemination Sheaths	50 Pack
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Chemise Sannitaire

006459	Chemise Sannitaire for AI - 18"	100 Pack
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Standard AI guns, split and universal sheaths also available. EGG Tech recommends the alpha sheath and KOMBIGUNS for higher conception rates.

Ovine & Caprine Insemination - Laparoscopic

Robertson Pipettes

Robertson Pipettes are used for laparoscopic insemination of ewes. There are two different types available: Robertson Pipette "Standard" (5mm needle) and Robertson pipette "Donor Ewes" (7mm needle).

23700 2200	Robertson Pipette for Laparoscopic AI "Standard".	10 Pack
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23700 2201	Robertson Pipette for Laparoscopic AI "Donor Ewe".	10 Pack
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IMV Aspics - Semen pellet

007275	Aspics for Semen Pellet.	25 Pack
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For more Ovine & Caprine Laparoscopic/Trans-Cervical AI products please call us on +44 (0) 1722 71 74 78

Equine Insemination

Flex Tip

19057	25" AI Pipette Flex Tip, individually wrapped	Sterile	5 Pack
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Agtech Infusion Pipettes

These pipettes have an attached syringe adapter especially designed for use with many of the common uterine infusion products.

E6-5315	22" Agtech Equine Infusion Pipettes, individually wrapped	Sterile	5 Pack
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E6-5415	25" Agtech Equine Infusion Pipettes, individually wrapped	Sterile	5 Pack
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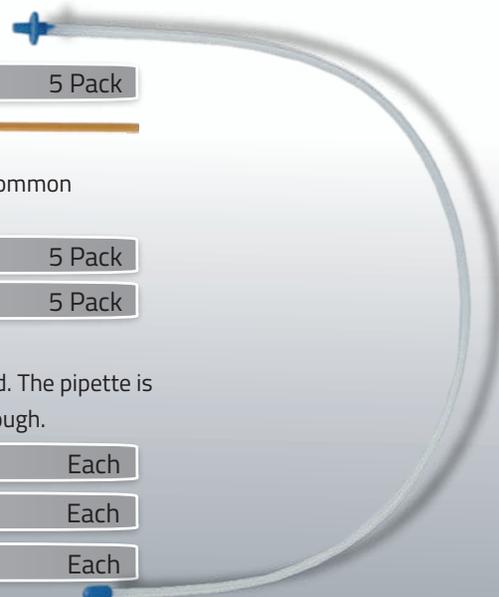
Deep Uterine Insemination

For deep intrauterine insemination with small volumes of liquid semen, if straws can not be used. The pipette is provided with an inner catheter to reduce the channel volume where the semen has to pass through.

17209 1265	DIUI Pipette w/o Inner Catheter - 65cm	Each
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17209 1275	DIUI Pipette w/o Inner Catheter - 75cm	Each
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17207 1275	DUI Pipette with Inner Catheter - 75cm	Each
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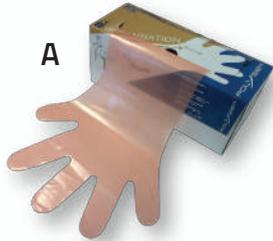


AI Supplies

Polysem Gloves

Through its constant endeavour to obtain the highest quality, POLYSEM has developed a range of protection items for veterinarians totally suited to today's requirements in terms of safety and protection. These products use polymers with mechanical and physical properties designed to meet needs in terms of strength, flexibility and sensitivity, as requested by users.

Non - Sterile



024199 Insemination Glove Orange, 92 cm (A) 100 Box



024225 Insemination Glove Yellow, "Man Size" (B) 100 Box



024199 Super sensitive Trans Neutral (C) 100 Box



024765 COPOLYMER Glove, "Ladies" size (D) 100 Box

Sterile

024227 Embryo Trasfer Glove Sterile 100 Box

Agtech Gloves

A 34.75" long shoulder-length glove manufactured of high quality; 1 mm soft; light blue polyethylene. Designed to fit the hand with minimum material overlap, with the ability to stretch and so provide exceptional tactile sensibility.

Non - Sterile

V7-2312 Super Sensitive Shoulder Length Glove 100 Box

Har-Vet

Sterile

19532 Ultra-Sense Sleeves - Clear 25 Pack

Lubricants

Therio-gel

- Isotonic ion level and neutral pH supports sperm and tissue safety
- With phosphate buffer for a stable pH to protect gametes, in and out of the incubator

6142 Therio-gel - for Animal Fertility - 3.6oz Each



Priority Care

Formulated exclusively for the veterinarian for all gynecological procedures requiring a sterile and non-spermicidal lubricating jelly. Easy to use flip-top tubes.

LUO40PC Priority Care Lubricant - 5oz Each



EGG Tech AV Lube

For semen collection only!

LUB2.5 Non-Spermicidal Lube - 2.5 litres Each

LUB5 Non-Spermicidal Lube - 5 litres Each

Collection Accessories

Semen Filters

SAVF102-25 Gel Filter, Nylon Mesh, Disposable 25 Pack

MK25 Semen Filter - 190 mm (7") 100 Pack

Collection Bags

B01065 WhirlPak Bag 540 ml (18 oz) Write-On 100 Pack

Semen Centrifugation

Universal Centrifuge

Advantages:

- Selectable speed control
- 8 place 15ml rotor available
- Straight-line separation for accurate processing



- 800-3300 rpm horizontal rotor centrifuge
- Selectable 3-position speed control:
 - 3,000 rpm for blood (1500g)
 - 1,600 rpm for urine & semen (400g)
 - 1,300 rpm for faeces (280g)
- Front-access calibration panel
- Brushless 220V motor
- 4-place 50ml rotor available or
- 8 test-tube capacity (3ml-15ml)
- 1 x 5 amp / 250 volt fuse, plus a spare
- 1-30 minute mechanical timer
- 3-position speed control
- On/off switch on back
- Rubber feet to prevent slipping
- Timer and zero-rpm interlocking lid with view port

Universal Centrifuge with 4 x 50 ml test tube Capacity Each

Universal Centrifuge with 8 x 15 ml test tube Capacity Each

Blood / Urine Centrifugation

E8 Centrifuge

Small, lightweight, economical

Capacity: 8 tube (3 - 15 ml); 3500 rpm; Nominal RCF: 1534g. Dimensions: 11L x 11W x 9.5H (in).

Weight: 4.3 kg (9.5 lbs).

Maintenance-free motor Impact resistant plastic window for safe viewing

110/220V auto switching adapter (CE, UL, cUL approved)

E8VS E8 Variable Speed Centrifuge Each



550CE/515CE Centrifuge

Advantages:

- Microprocessor controlled up to 5,000 rpm
- Zero rpm safety interlocking lid
- Optional **CRIT Carrier** for hematocrits



- 5000 rpm horizontal rotor, 8-place
- Straight-line separation for accurate processing
- Reduces high potassium results
- Eliminates most re-spins
- Very high g-forces for fast separation
- Platelet-poor plasma in minutes.
- 8 test tube capacity (2.5ml-15ml)
- 4-place 50ml rotor available
- Maximum tube size 16.5mm x 128mm
- Touchpad time & speed controls
- 4-character digital display screen
- 1-60 minute programmable timer
- 800-5000 rpm programmable speed
- Brushless DC motor (220V available)
- 2 x 5 amp / 250 volt fuses
- Rubber feet to prevent slipping
- Zero-rpm interlocking lid with view port
- Wide mouth for easy cleaning
- Metal rotor & bowl
- 8 tube shields included

550CE Centrifuge with 4 x 50 ml test tube capacity Each

515CE Centrifuge with 8 x 15 ml test tube capacity Each

Tubes and Syringes

Centrifuge Tubes



15PPB	Centrifuge Tube 15ml - non skirted	sterile	50/pack
36050CPG	Centrifuge Tube 50ml - non skirted	sterile	25/pack
36050NPG	Centrifuge Tube 50ml - skirted	sterile	25/pack

Embryo Transport Tubes

Tubes to transport chilled Equine Embryos.

Push Top

352003	Falcon Tubes 5 ml	push top Sterile	Each
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Screw Top

TUB0013	Falcon Tubes 5 ml	screw top	5/pack
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Syringes and Accessories

Non toxic plastic Syringes for sperm or embryo use.

Syringes

GPS031/1	Monoject 1 ml Syringe	sterile	Each
308344	Two-Part 20 ml Syringes	sterile	80/pack
G09	Airtight Syringe 50ml	sterile	Each

Accessories

EHP054	Syringe/Pipette Tip Connector		Each
308341	Syringe Caps	sterile	100/pack
FIL6610	Syringe Filter. 25 mm , 0.20 Micron Filter	sterile	50/pack

Chilled Semen Extenders - Bovine, Caprine, Ovine and Equine

Bovine, Ovine and Caprine

Optixcell 2

Increasingly concerned about the biosecurity of your semen doses, IMV has developed OptiXcell: the first semen extender based on synthesized liposomes (without animal protein). Liposomes are IMV's solution to replace egg yolk. OptiXcell allows a safe and high quality preparation and preservation of both your fresh and frozen semen doses.

- Clear Particle Free Media
- Animal Protein Free
- High Quality Extender
- 24 H Equilibration Safe
- Optimised for Fresh Semen
- High Performance with low numbers of spermatozoa per dose
- High Heifer Non Return Rate

026218 Optixcell 2® 250ml



OviXcell

Preservation and freezing medium for fresh and frozen ram semen. OviXcell has been developed to improve ram semen preservation at 4 °C for 24 hours.

020997 OviXcell 2® 100ml

Triladyl®

Triladyl® contains TRIS; citric acid; sugar; buffers; glycerol. It also contains pure water and antibiotics according to the EU Directive 88/407 (Tylosin; Gentamicin; Spectinomycin; Lincomycin).

- TRIS Based
- Elaborate formula
- Internationally established for over 30 years
- Very constant, optimal freezing results over a wide range of dilution ratios.
- Produced under Minitube GMP production standard

13500 0250 Triladyl® 200ml



Steridyl

Since Triladyl® has been introduced to the market in 1974, it has established itself as the classic extender in modern bovine semen production. Steridyl combines the well proven Triladyl® with sterilised egg yolk to an easy to handle complete product. Only purified water must be added to prepare the ready-to-use-extender. Steridyl is also used successfully with ejaculates of several other

- Elaborate, proven buffer formula
- Constant, optimal freezing results with every dilution ratio and for most bulls
- High fertility rates
- Contains sterilized egg yolk - easy to prepare: just add water and save time
- Take no risks - use a safe product from Minitube's GMP certified extender production

13500/0260 Steridyl 500ml



Semen Extenders - Bovine, Caprine, Ovine and Equine

Equine

INRA 96 Semen Extender - Equine

- Our best selling semen extender for on-farm use, and chilled semen shipments
- Proven to be beneficial for use in sub-fertile stallions or in ejaculates that are susceptible to cooling or preservation at 4°C.
- It can be used to preserve semen at 4°C and at 15°C for potentially up to 48 hours. Some results obtained in France suggest INRA 96 can be used to preserve semen up to 72 hours.
- Ready to use, presented in a liquid form. No dilution is needed.
- Sterile solution

016441 INRA 96 Semen Extender for Fresh Semen 200ml



Equiplus - Equine

Minutube extenders are produced according to the highest quality standards. All components are from constantly excellent controlled sources. Each extender batch is tested for its chemical, microbiological, physical and biological properties. Certificates are available upon request



13570 0210 Equiplus Powder for 100ml, with antibiotics 125ml

Spervital Semen Extender - Equine

Spervital extenders have been available to the market for a number of years. The variety of extenders allow choice, to enable the maximum success where problems arise in semen from certain stallions.

EVD Egg Yolk Extender (Spervital Blue) 100ml

Spervital recommend using their blue-top extender when shipping semen. The sperm remains viable for a longer period of time in this extender. The Spervital Blue can also be used after thawing semen.

EVD+ Egg Yolk Extender Plus (Spervital Red) 100ml

Spervital recommends using the red top extender when stallions produce semen of lesser quality. It contains an extra energy substrate, which can be easily absorbed by the sperm cells, to enable the sperm to live for longer. It also gives excellent results when shipping.

EVDS Egg Yolk Extender Plus (Spervital Green) 100ml

When stallions have semen that does not live very long, then this extender is recommended. Spervital introduced the green-top extender into the equine market in 2009. Many stallions' poor quality semen have reacted very well. It also has good results with semen that may be of good quality but expires quickly.

All Spervital extenders are special order items.



IMV Equine Semen Freezing Extender

INRAFREEZE

Research completed by Institut National de la Recherche Agronomique (INRA) have shown a real "in-vivo" fertility performance-increase post-thaw. Insemination with INRA Freeze® significantly increases performance and fertility compared to the traditional extender.

- Better semen protection, due to the association of INRA 96® with egg yolk plasma.
- Proven to increase fertility "in vivo". Results published by INRA
- Simple to use: INRA 96® as centrifugation media + INRA Freeze® as freezing extender.

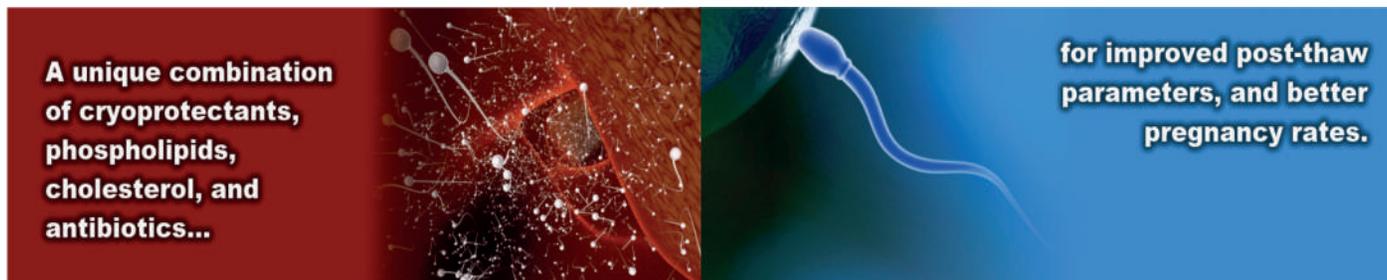
Kit Includes: INRA Freeze® 2x120ml
INRA 96® 2x200ml
MAXIfreeze 1x20ml

022110 INRA Freeze® Semen Freezing Extender Kit



Semen Freezing Extenders - Equine

DMO+ and EMO+ are advanced equine semen freezing extenders, developed and distributed by [EGG Technologies International Ltd](http://www.eggtech.com). These products are two of the most technologically advanced extenders available on the market today. They are available Internationally and have been specifically formulated for domestic and export freezing of horse semen.



A unique combination of cryoprotectants, phospholipids, cholesterol, and antibiotics...

for improved post-thaw parameters, and better pregnancy rates.

DMO +

DMO+ is a 3rd generation semen freezing extender designed for equine semen freezing.

The extender was formulated over a 3 year period and underwent extensive testing; for both post-thaw semen quality and also fertility. EGG Tech's extensive knowledge and understanding of mammalian fertility, was used to produce an outstanding equine semen freezing extender. It produces phenomenal results in a wide range of stallions possessing varying degrees of "freezability".



What makes DMO+ so remarkable?

- Developed to maximise fertility in "good" freezers through special cryoprotectants & lipid content
- Allows successful freezing of "unfreezable" stallions and those with low-quality frozen semen
- DMO+ contains a unique combination of cryoprotectants in specific ratios to maximise post-thaw parameters
- Formulated with a high cholesterol and phospholipid content to help protect sperm cells from the stresses of freezing

DMO+50 Semen Freezing Extender 50ml Each

EMO +

EMO+ is a new semen freezing extender based on our best-selling DMO+ extender. To improve the quality of our products, we have adjusted and tweaked the formulation to improve results for stallion semen which was frozen using DMO+ .



When to use EMO+

- To improve fertility results in "Good" freezers
- For freezing semen from stallions that did not freeze well in DMO+
- To improve freezes from stallions that have high post-thaw parameters but low fertility

EMO+50 Semen Freezing Extender 50ml Each

For more information please refer to www.semenextenders.co.uk

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Terms and Conditions



Terms and Conditions of Sale

Any order for goods to be supplied by E.G.G. Technology International Ltd. ("the seller") shall be deemed to constitute an acceptance of the following terms and conditions of sale. These shall be automatically incorporated into any contract between the seller and the customer ("the buyer"), and they shall override and exclude any conditions of purchase.

1. QUOTATIONS. Quotations by the seller only constitute an invitation to trade and are without engagement on behalf of the seller. Quotations are made on the understanding that the whole of the goods quoted will be supplied. A contract to sell will only come into existence between the seller and the buyer when the seller has accepted the buyer's order.

2. CANCELLATIONS & AMENDMENTS. Orders may not be cancelled by the buyer without mutual consent. Every effort is made to adhere to delivery dates given in good faith but without commitment by the seller. These dates shall not form any part of the contract and the seller will not be under any liability for loss, injury, damage or expense caused by or consequent upon any delay or non-delivery from any cause whatsoever.

Orders for special preparations must be considered firm and cannot be cancelled. If the seller requires information from the buyer at any time then the obligations of the seller shall be suspended until such time as the information is received by the seller. The seller may terminate the contract by notice to the buyer if this information is delayed or withheld for more than a three month period, but without prejudice to the seller's rights against the buyer.

3. PRICING. All quoted and printed prices are ex-works and are exclusive of V.A.T.

The price of goods will be the price ruling on the date of delivery unless otherwise stated. The seller reserves the right to adjust the price without notice at any time (either before or after the contract is made), as a result of legislation, exchange rates or any other reason not applicable at the date of the seller's quotation.

Due to the cost of processing orders we reserve the right to levy a surcharge of £2.00 on all orders, except standing orders, less than £25.00 in value.

4. PROPERTY. Unless and until payment has been made in full and received by the seller, property in the goods shall remain with the seller, whether or not the buyer has taken delivery of the goods.

Until such payment is made the buyer shall hold the goods and all items incorporating the goods on trust for the seller.

In the event of non-payment of the price by the buyer by the due date, the seller shall be entitled in addition to all other rights to enter the premises of the buyer where the goods may be and recover possession of them.

5. DELIVERY. It is the buyer's responsibility to satisfy himself as to the requirements, laws or other regulations governing the entry of goods at the port of delivery and to obtain all licences, consents or approvals other than those expressly required by United Kingdom legislation to be obtained by the seller.

The seller will determine the method of delivery and will make all arrangements for the delivery unless the seller receives instructions to the contrary. The seller reserves the right to override the buyer's instructions where it considers these instructions to be impractical for any reason.

Except where delivery is to the buyer's premises the seller will advise the buyer of the delivery details. Where special handling is requested by the buyer, then the buyer will pay the seller the extra cost involved.

The cost of freight and insurance will be charged at cost to the buyer.

The seller shall in no event be liable for any consequential loss incurred by the buyer as a result of damage or loss of goods in transit.

The risk in the goods will pass to the buyer when the goods have been delivered to the buyer or his agent.

6. DAMAGE. Any claim for damage must be made in writing within 3 days of receipt.

7. TERMS. Payment for goods and freight will become due and be paid within 30 days of the date of the invoice.

If the buyer does not make payment in full in accordance with the terms of payment, the seller reserves the right to levy an interest charge at a rate per annum of 3% above the Bank of England Minimum Lending Rate.

The buyer shall also be liable for any costs or expenses incurred by the seller as a result of such non-payment.

Unless credit terms have been agreed in advance, terms of payment for overseas buyers are against pro-forma invoice or else irrevocable Letter of Credit for the entire contract price. This is to be confirmed by a United Kingdom bank approved in writing by the seller.

8. FITNESS FOR USE. The goods are sold on the condition that the buyer satisfies himself the goods supplied are suitable for the purpose for which the buyer intends to use them and the seller does not profess to have any skills or judgment to the buyer's needs.

The buyer shall be deemed to have full knowledge of the nature and properties of the goods supplied and that they shall be used under normal conditions appropriate to their use, handling and storage.

Samples of the goods are supplied or exhibited solely to enable the buyer to judge the quality and suitability of the goods for his needs and not so as to constitute a sale by sample.

9. LIABILITY. The seller accepts no responsibility for injury or death or other loss or damage arising from the use of the goods (including use for diagnostic purposes), or in the preparation of any product.

The buyer will indemnify the seller from and against all costs, claims, demands, suits, proceedings and liabilities whatsoever resulting from such use.

Any information or advice provided by the seller, representatives or agents is given without warranty or acceptance of liability.

10. RETURN OF GOODS. Written authorisation for the return of goods must be obtained from the seller. The return of goods shall not be construed as an admission by the seller that the goods do not accord with the contract and shall not impose any liability on the seller.

11. LAW OF CONTRACT. Contracts subject to these conditions shall be constructed and governed in accordance with English law, and the buyer (whether English or not) hereby submits to the jurisdiction of the Supreme Court of England and Wales.

Salisbury County Court shall be the sole place of jurisdiction and fulfilment for all disputes arising from or related to the contract.

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