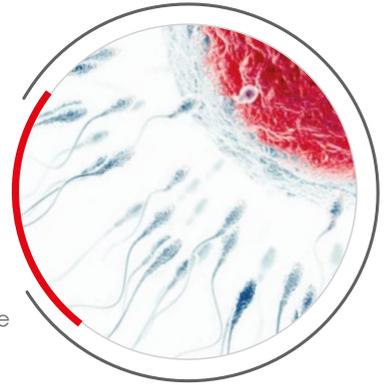




Bovine reproduction technologies



IMV TECHNOLOGIES. FOR LIFE.



INNOVATION. FOR LIFE.

In 1963, Robert Cassou founded IMV Technologies and set the standard for semen storage and insemination with the revolutionary «French Straw».

Since then, we've approached every new solution with the same innovative spirit as he did.

Today, we are still leaders in applied and disruptive technologies. We not only make things; we also improve things that already exist.

TECHNOLOGY. FOR LIFE.

Curiosity is one of our main drivers. We're never satisfied with the status quo. From semen collection to wireless ultrasound, this philosophy is why our technology is accepted and relied upon around the world.

Beyond technology, we create state-of-the-art techniques and programs to support its implementation.

SUSTAINABILITY. FOR LIFE.

Life is nothing without the planet we call home. That's why in everything we do, we push to implement sustainable practices that minimize our carbon footprint. It's not just our stated corporate responsibility. It is our life.

We challenge ourselves with new thinking that drives toward sustainable food sources for future generations. Through the use of our technologies, we believe land resources can be more efficiently managed and agriculture can become more sustainable. We aim to preserve Earth's abundance and beauty.

We have a genuine desire to make a positive impact.

REPRODUCTION. FOR LIFE.

For over 60 years, we've been at the leading edge of artificial insemination technology.

Over time, we've evolved to become more than an artificial insemination company. Our reproductive biotechnologies, which have become the standard across the globe, touch every aspect of reproduction, including collecting gametes, confirming pregnancy and managing data.

With an exponentially growing population, abundant and sustainable food sources are critical. Our technologies make this possible. This notion is a driving force behind IMV Technologies.

Bovine reproduction technologies



IMV Technologies embodies half a century of innovation in artificial insemination in cattle.

Each year, more than 100 million cows are bred using IMV Technologies bovine artificial insemination products, across more than 150 countries.

Today, we are more determined than ever to manufacture and deliver cutting-edge products, services, and technical innovations to help industry artificial insemination technicians, and other breeders, improve their performance and facilitate regulatory compliance.

We provide professionals in the bovine industry with products for:

- Artificial insemination of cattle with frozen semen
- Artificial insemination of cattle with fresh semen
- Embryo transfer



Discover our full range of products for semen production centers, AI technicians, veterinarians and for cattle farmers.

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Easi-Scan:Go

Fast, light and with minimal set-up time required, the Easi-Scan:Go is ready to go when you are, providing speedy results without sacrificing accuracy. Biosecurity is not an issue as the scanner is waterproof and completely sealed. This contributes to an even more efficient workflow on the farm.



References

ESG-SCANNER-L – Easi-Scan:Go Linear
ESG-SCANNER -C – Easi-Scan:Go Curve

Specifications:

Probe	Sealed, linear and curve, 128 elements
Charger	Stand-alone charger, can be used in the car
Battery life	Up to 5 hours
Waterproofness	IP 67, waterproof
Viewing device	Smartphone, Tablet, VGA and OLED goggles
Bovine	Reproduction
Dimensions	19 x 8.3 x 6.2 cm
Weight	850g
Warranty	2 years

Key benefits

Easi-Scan:Go Linear and Curve

- Fully sealed unit ensuring waterproof to IP67 standard
- Exceptional image quality allowing for full fertility and pregnancy examinations as well as non-reproductive applications such as teat scanning, lung scanning, post-calving examinations and body condition assessment
- Connection with Farm Management systems to allow full picture of cow health displayed on the ultrasound image. KPI detail such as age, last inseminated, milk yield can all be visible for each individual cow. (restrictions apply)
- Connect up to 3 smart devices or BUG:Go to view the image simultaneously
- Weighs only 850 grams and can be securely attached to a belt
- Images and clips saved directly on your phone or tablet

Applications

- Abdominal
- Gynecologic
- Non-reproduction

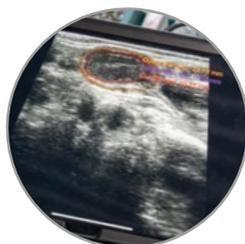
Related features

CFM (Colour Flow Mapping) exclusive to Easi-Scan:Go

- Negative pregnancy diagnosis from 18 days after AI
- Foetus viability confirmation (heart – cotyledons)
- Recipients cows for embryo transfer purpose

Bovintel

Ultrasound reimaged. **Bringing fertility and pregnancy into focus** for conception rate success. The future starts here.



Key benefits

Our revolutionary new technology takes fertility and pregnancy scanning to the next level to improve dairy herd performance.

As you scan it will automatically

- **Identify** the ovary, Corpus Luteum, follicle, cysts and foetus heart beat on ultrasound image
- Highlight and label them **in colour** on your tablet or BUG:Go screen
- Take and display precise **measurements** – to the nearest mm of the foetus ageing, amount of blood around CL and ovarian structures
- All without interrupting your workflow, in fact, it could speed up the scanning process **by up to 3 times**
- Identify non-pregnant cows from day 20 and save 11 Euro per day per cow
- Improve ET procedure success rate by 12%

ImaGo range

On the go reproduction focus ImaGo range is made for bovine vets on the go. ImaGo's rugged, portable design and excellent image quality ensures you're always ready for high-quality care, when working across multiple farms and to busy schedules thus reducing the time and cost up to 10%.



References

ImaGo V2 with linear probe ImaGo-V2-L
 ImaGo V2 with curve probe ImaGo-V2-C
 ImaGo Flex V2 with removable probes ImaGo-V2-Flex

Probe compatibility:

Product	Flex
LR664V	X
CR460V	X
C360S	X
L3130B2	X
OPU E610B	X
OPU E614B	X
L3180B	X

Key benefits

ImaGo L&C

- Presets for different species to ensure a quick start
- Lightweight and small -1.18 kg
- Interchangeable 4 hours battery can be charged in the car
- Ensures biosecurity as it can be washed in the bucket of water and submerged (IP67 standard)
- With colour flow doppler mode ImaGo helps detect non-pregnant cows earlier saving up to 11 euro per day per cow

ImaGo Flex

- Presets for different species to ensure a quick start
- Lightweight and small -1.5 kg
- Interchangeable 4 hours battery can be charged in the car
- 7 probes can be connected
- With colour flow doppler mode ImaGo helps detect non-pregnant cows earlier saving up to 11 euro per day per cow

Applications

- Reproduction
- Abdominal
- Backfat and Loin muscle measurements
- IVF

Related features

CFM (Colour Flow Mapping)

- Negative pregnancy diagnosis from 18 days after AI
- Foetus viability confirmation (heart – cotyledons)
- Recipients cows for embryo transfer purpose

Specifications:

	ImaGo L&C	ImaGo Flex
Probe connectors	0	1
Screen size	6.5 inches	6.5 inches
Battery life	4 hours	4 hours
Optional external charger	Yes	Yes
Weight	1.18 kg	1.5 kg
Dimensions	21x9x17 cm	21x7x17 cm
Colour Doppler	Yes	Yes
Resets	More than 15	More than 47
Waterproofness	IP 67	IP32
Warranty	2 years	2 years



ExaPad range

Our full ExaPad range is designed with the mixed practice vet in mind suitable for both routine work and advanced applications.



References

- 90-3346KIT - ExaPad Veterinary ultrasound scanner
- 90-2440KIT - ExaPad Mini veterinary ultrasound scanner
- 903188 - ExaPad Micro veterinary ultrasound scanner

Key benefits

ExaPad

Seamlessly switch between applications with 2 probe connectors

- Large imaging viewing area
- Excellent image quality

ExaPad Mini

- Suitable for in practice or in field use
- Excellent imaging for OPU application
- Software integrations with MeatQText and EcoText

ExaPad Micro

- Compact and portable scanner
- Purposely designed accessories to support you in any use-case
- Ruggedised machine with magnesium casing and veterinary tested probes

Applications

- Abdominal
- Musculoskeletal
- Gynecologic
- OPU

Related features

Teamviewer: Equipped with Teamviewer to allow for remote support on the device. Allowing you to have access to technical and clinical experts should you have any difficulty whilst imaging

CFM (Colour Flow Mapping) for:

- Negative pregnancy diagnosis from 18 days after AI
- Foetus viability confirmation (heart – cotyledons)
- Recipients cows for embryo transfer purpose

Compatibility software: (for ExaPad and ExaPad Mini)

- ECOTEXT: tool to predict young bulls' fertility
- MEATQTEXT: to assess meat quality on live animals

ExaPad range

Probe compatibility

Product	ExaPad	Mini	Micro
 LR760V - Linear Rectal	X	X	X
 CRV460V - Curved rectal probe	X	X	X
 L738V- Linear Tendon	X	X	X
 C360S - Convex	X	X	X
 L3180B - Bovine Backfat	X	X	X
 OPU E610B - OPU, thin probe	X	X	X
 OPU E614B - OPU, thicker probe	X	X	X
 C614P - Micro-convex probe	X	X	X
 P320R - Phased array probe	X	X	
 P713R - Phased array probe	X	X	
 CC717B - Micro-convex probe	X		
 CC550V - Convex probe	X		
 LC1038V - Linear probe	X		
 LC1428V - Linear probe	X		

Specifications

	ExaPad	ExaPad Mini	ExaPad Micro
Console form	Touchscreen		
Probe connectors	2	1	1
Screen size	14 inches	12 inches	10 inches
Optional trolley	Yes	Yes	No
Battery life	60 mins	90 mins	90 mins
Optional external charger	No	No	Yes
Built in stand	Yes	Yes	No
Optional stand	No	No	Yes
Weight	6kg	4kg	2kg
Height	300mm	250mm	200mm
Width	390mm	320mm	280mm
Depth	70mm	58mm	55mm
Warranty	2 years		
Colour Doppler	Yes	Yes	Yes
Pulse wave doppler	Yes	Yes	Yes
Continuous wave doppler	Yes	Yes	No
ECG	Yes	No	No



Shoulder protect gloves

Glove for total protection of the shoulder, neck, and armpit.
Thickness 30µ

Reference

029185 - Red shoulder protection glove



Calving gown

With its long fitted sleeves and back cutouts, this gown is designed to be very strong and offer good protection. Available in two lengths.

References

Green:	Clear:
024265 - 140cm	025588 - 140cm
024263 - 155cm	025586 - 155cm



Overboot

Polyethylene overboots with 43x53 cm double elastics for heavy-duty use.

Reference

024242 - Overboot





Super sensitive glove

A silky copolymer, full-length glove with excellent tactile sensitivity. Preferred for high accuracy tasks such as reproduction ultrasonography.

Thickness 24 μ

Reference

024761 - Super-sensitive clear glove with grip attachment 1M



Vetorange range



Vetorange Soft:

Precision and durability meet in Vetorange Soft gloves, offering heightened sensitivity for delicate veterinary procedures, ensuring reliable performance for professionals who prioritize both precision and durability.

Thickness 24 μ - 92 cm - Size L

Vetorange Plus:

Vetorange Plus gloves provide exceptional resilience with a secure neck attachment, ensuring optimal glove retention during veterinary procedures, making them a reliable choice for high-performance tasks.

Thickness 30 μ - 100 cm - Size M - L

Vetorange Classic:

Balancing sensitivity and durability, Vetorange Classic gloves are versatile, offering robust resistance for everyday veterinary tasks, catering to diverse needs with reliable performance.

Thickness 28,5 μ - 92 cm - Size L



References

024194 - Vetorange

030135 - Vetorange Plus - Size M

027976 - Vetorange Plus - Size L

024197 - Vetorange soft



8 Seven O Glove



This cost-effective glove is ideal for inseminations, ultrasounds or any procedure needing a precise touch. 8 Seven O Glove is a perfect compromise between strength and sensitivity and offers good value for the money.

Thickness 21 μ

Reference

024248 - 8 Seven O clear glove 87cm - Size L



Polytactyl



This strong glove is intended for long, difficult procedures encountered by veterinarians. Available in four sizes.

Ideal for ultrasound scans.

Thickness 33 μ

References

- 027920 - Polytactyl Yellow Glove 92 cm - Size S
- 024228 - Polytactyl Yellow Glove 100 cm - Size M
- 024225 - Polytactyl Yellow Glove 92 cm - Size L
- 027921 - Polytactyl Yellow Glove 100 cm - Size XL



Copolymere



Perfectly designed for procedures requiring an excellent tactile touch and perfect accuracy (ultrasounds, palpitations, etc.).

Thickness 23 μ

References

- 027817 - Copolymere Clear glove 100 cm - with removable strip - Size S
- 024185 - Copolymere Clear glove 100 cm - with removable strip - Size M
- 024183 - Copolymere Clear glove 100 cm - with removable strip - Size L
- 027922 - Copolymere Clear glove 100 cm - with removable strip - Size XL





Polyver



This glove is the thickest in the Polysem line. Ideal for long, difficult procedures, such as dystocia and embryotomies. It offers the highest level of resistance against tearing and limits odors.

Thickness 36 μ

Reference

024256 - Polyver green glove 92 cm - Size L



Ecosensitiv



This polyethylene glove is the most cost-effective veterinary glove. Suitable for bovine and equine exams (ultrasounds, embryo collections, etc).

Thickness 27 μ

Reference

024187 - Ecosensitiv red glove 92cm - Size L



eSmile

A user-friendly laboratory management software which links all aspects of semen traceability and semen processing.



Reference

026850 - eSmile identification

Accessories

022318 - Electronic tags
028777 - RFID tag and chip reader
023946 - eSmile display panel

Key benefits

- Full traceability of male production
- Enhances productivity levels
- Multisite connectivity with automatic synchronization
- Fully automated data upload to minimize human entry
- Versatile Microsoft R SQL-based database
- Simplified in-house report management
- Generation of barcodes labels during each step of production
- Connectivity of all laboratory equipment and peripherals to eSmile
- Optional veterinary module: Veterinary task and history / Follow-up and reminder

Related products

027153 - Complete dilution system
028506 - IVOS II Ident
030230 - IVOS PRO
023258 - MX4 non integrated
ISevo - Refer pages 26-27
DigitCool - Refer page 34

Bovine artificial vagina

This vagina is designed to ensure the comfort of both the bull and the operator during semen collection.



Reference

005417 - Bovine artificial vagina

Key benefits

- Unbreakable
- Comfort for the bull
- Safe process resulting in higher quality semen

Related products

023917 - B-tube
024372 - Sensitive glove
024504 - Dry water-bath
025993 - 235 mm alcohol thermometer -10 / +110
024930-024932 -024933 - Stainless Steel incubator 30-70°C

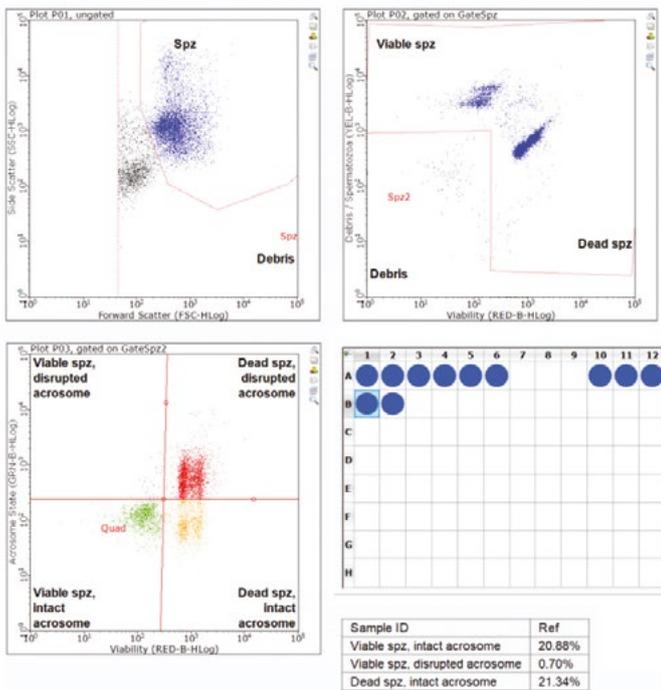
Accessories

005332 - Rough neoprene liner
026541 - Rough latex liner
026647 - Smooth latex liner
005204 - Silicone cone for bovine vagina
017693 - Disposable collection tube 15 ml
005415 - Silicone stopper for 15 mL collection tube
005351 - Reusable collection tube 15 ml
005347 - Protective felt cover for collection tube
005346 - Protective felt cover for bovine vagina

EasyCyte

Thanks to its innovating patented microcapillary system, EasyCyte is easier to use than traditional flow cytometers and reduces the size of the samples and the space needed.

EasyKit Viability and Assess Membrane



References

- 022841 - EasyCyte II Plus with IMV software
- 022843 - EasyCyte II Mini with IMV software

Related products

- 021776 - P2 pipette (0,2 to 2µl)
- 021777 - Tips for P2 pipette
- 005555 - Carousel stand for pipettes
- 020101 - Tips for micropipette MP50
- 005928 - Adjustable micropipette 5/50 µl
- 020100 - Filters for MP5000
- 005206 - Translucid tips for pipette type P5000
- 005529 - P5000 pipette (1 to 5 mL)
- 005531 - P200 pipette (50 to 200 µl)
- 005208 - Translucid tips for pipette P200
- 005530 - P20 Pipette (2 to 20 µl)

Key benefits

- Unique ready-to-use flow cytometer dedicated to semen analysis
- Intuitive software package for semen analysis
- Scientific technical support
- Easy-to-use technology
- EasyKit: ready-to-use flow cytometry assays for time-saving and repeatable results



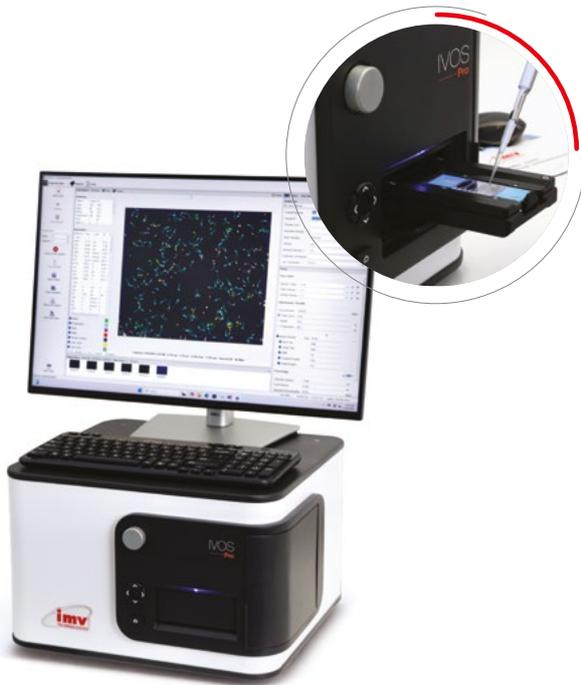
Accessories

- 021775 - Micropipette container
- 021774 - Tips for multichannel pipette
- 021773 - Multichannel pipette
- 021768 - 1.5 ml microtubes
- 021771 - 500 µL microtubes
- 021772 - Grenier plate with 96 wells
- 022845 - «Flow Cell» capillary for EasyCyte II Plus
- 022846 - «Flow Cell» capillary for EasyCyte II Mini
- 021767 - «Flow Cell» Washing kit
- 025438 - EasyBuffer C
- 023862 - EasyBuffer B
- 024760 - EasyClean
- 023066 - EasyCyte Check Kit
- 025293 - Easykit - acrosome integrity and viability
- 025157 - EasyKit - Molecule D oxidation
- 024708 - EasyKit - Viability and concentration
- 025402 - EasyKit - Bacterial concentration
- 024864 - EasyKit - Mitochondrial activity

NEW

IVOS PRO

CASA system with unmatched accuracy for concentration, motility, morphology.



Key benefits

With IVOS Pro, streamline your operations by achieving maximum doses and quality through data accuracy and standardization powered by automation. You will significantly speed up your workflow and gain the valuable insights to optimize your stud management.



Reference

030230 - IVOS Pro

Related products

025107 - Leja 4 chambers

Accessories

- 025097 - Barcode reader for IVOS
- 022375 - HTB electronic scale for IVOS
- 025454 - Subpopulation creation software
- 025455 - Individual track data software
- 023724 - Microlab 600 dilutor
- 006452 - Mini pipette for semen sampling

Maximize doses & ensure quality

- Standardize semen analysis with autofocus, auto-illumination, and auto-brightness features
- Maximize economic gains through fertility and dose optimization

Workflow speed up

- Unmatched speed and workflow efficiency with minimal clicks, maximum automation, rapid stage movement and more sperm per field
- Reliability and minimal downtime thanks to fixed, locked and standardized optics features
- System integration with auto data transfer, reducing human error and saving time for increased efficiency

Optimize your stud management with data-driven insights

- Abnormality detection of spermatogenesis issues (as Indicators of Male Fertility Health) for better sperm quality
- Quick identification of health issues, heat stress, testicular degeneration problems, preventing compromised ejaculate from entering production and causing economic losses.



- Enhance data monitoring and efficiency with continuous, real-time monitoring of semen morphology quality
- Advanced abnormality analysis on different populations for higher accurate semen quality assessment

IVOS II Ident

IVOS II Ident is an integrated system with fluorescence for animal semen analysis, for both dose production and quality control evaluation.



Reference

028506 - IVOS II Ident (fluorescence)

Accessories

025097 - Barcode reader for IVOS
 022375 - HTB electronic scale for IVOS
 025454 - Subpopulation creation software
 025455 - Individual track data software
 023724 - Microlab 600 dilutor
 006452 - Mini pipette for semen sampling
 025456 - Viability software
 018441 - IDENT stain kit
 018632 - Viability stain kit
 028504 - DNA fragmentation software
 028503 - HTB filter for DNA fragmentation
 028502 - HTB stain kit Halomax DNA fragmentation
 028501 - Objective 20X for DNA fragmentation
 028505 - HTB stain kit DNA fragmentation
 028499 - HT morph for IVOS

Key benefits

Quick and ease of use:

- «All-in-one» enclosed system
- Standardized procedures thanks to Leja slides
- Powerful and intuitive - highly configurable, automated heating stage
- Real-time data updating
- Fluorescence

Optimizes productivity and dose quality:

- Optimization of number of doses produced
- Automated morphology analyses
- Decision aid tool
- Data management and traceability
- Fluorescent capabilities

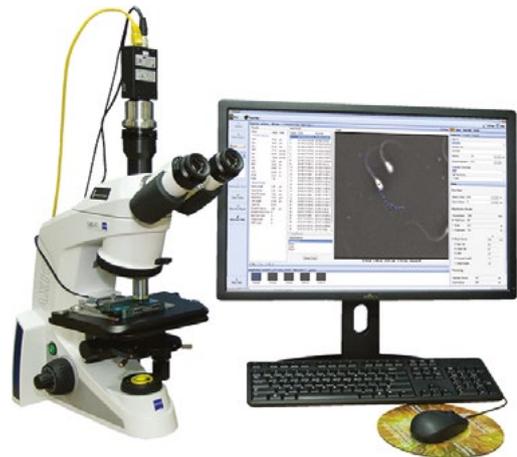


Related products

025107 - Leja slides - 20 µm
 005530 - P20 Pipette (2 to 20 µl)
 005208 - Translucid tips for pipette P200
 005531 - P200 pipette (50 to 200 µl)
 028877 - Boxes of 96 tips for P20 P200
 028880 - P1000 pipette (100 to 1000 µl)
 028878 - Boxes of 96 tips for P1000
 028879 - Tips for Pipette P1000 (X1000)
 005529 - P5000 pipette (1 to 5 mL)
 005206 - Translucid tips for pipette type P5000
 023639 - Multi pipette plus
 023640 - Combitips for Multipipette
 024504 - Dry water bath
 021922 - Accu-beads
 023862 - EasyBuffer B

CEROS II

Providing the same semen analysis accuracy as the IVOS range, the CEROS II CASA system is a cost-effective, space-saving alternative. Because the CEROS II processor is a separate unit from the optical component, the computer can be placed under the bench and at a distance.



References

- 024905 - CEROS II
- 025107 - Leja 4 chambers slides

Accessories

- 025454 - Subpopulation creation
- 025455 - Individual track data
- 023724 - Microlab 600 dilutor
- 026691 - Footswitch for Ceros II
- 020100 - Filters for MP5000
- 005206 - Translucid tips for pipette type P5000
- 021768 - 1.5 ml microtubes
- 005529 - P5000 pipette (1 to 5 mL)
- 005531 - P200 pipette (50 to 200 µl)
- 005208 - Translucid tips for pipette P200
- 005530 - P20 Pipette (2 to 20 µl)

Trinocular Microscope

Microscopic analysis is the first step in semen analysis. With a microscope, laboratories can analyze gross and individual motility.

All microscope are with heating stage.



References

- 023939 - Binocular microscope with phase contrast
- 024374 - Trinocular Microscope - With phase contrast and lens plan

Accessories

- 016513 - 36 cm monitor with color camera
- 005671 - Hand counter
- 005786 - Thoma cell
- 020105 - Flat slides 22 x 22 mm (20)
- 005795 - Slides 76X26
- 005760 - Cover slides 22X22
- 006557 - Slides 18X18

AccuCell photometer

Photometer developed specifically for accurate measurement of ejaculate concentration.

Several modes:

- concentration
- concentration, calculation of the volume of media and the number of doses
- quality control with filter standards



References

- 014475 - With no diluter or printer
- 023729 - With diluter and printer

Accessories

- 014441 - Printer with a cable for Accucell photometer
- 006452 - Mini pipette for semen sampling
- 005378 - Photometer printer paper roll
- 015988 - 002259 - 9/1000 NaCl solution
- 005155 - Cuvettes for photometer
- 005376 - Standard filters for photometers
- 005531 - P200 pipette (50 to 200µl)
- 028877 - Boxes of 96 tips for P20 P200
- 005529 - P5000 pipette (1 to 5ml)
- 005206 - Translucid tips for pipette type P5000

NEW

CellPro

Photometer developed especially for accurate measurement of the concentration of ejaculates.

Reference

- 030243 - bovine photometer



Accessories

- 006452 - Mini pipette for semen sampling
- 023724 - Microlab 600 dilutor
- 005531 - P200 pipette (50 to 200µl)
- 028877 - Boxes of 96 tips for P20 P200
- 005529 - P5000 pipette (1 to 5ml)
- 005206 - Translucid tips for pipette type P5000

Dilutor - Microlab 600

Tool developed especially for accurate measurement of the concentration of ejaculates.



Key benefits

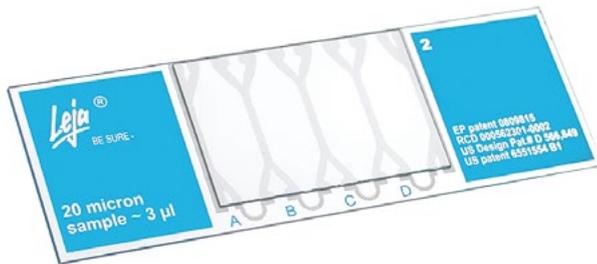
- Enhanced accuracy & precision: Customized Hamilton dilutor ensures $\pm 1\%$ accuracy and $\pm 0.2\%$ precision
- Optimized semen preparation: Improves sample consistency for more reliable semen analysis
- Proven superiority: Comparative analysis shows the dilutor outperforms pipettes in accuracy and repeatability
- Dedicated hardware & protocols: Specifically designed for semen sample preparation with multiple protocols
- Multilingual software: Available in English, Français, Italiano, Português, Español, Deutsch...
- Versatile use: Adaptable for various animal species

Reference

023724 - Bovine dilutor

Leja slide

Leja slides are the most accurate fixed-depth slides on the market. Leja calibrated slides provide the accuracy and precision needed to reliably analyze semen. Leja slides facilitate analyses standardization.



Key benefits

- Ensure fixed-depth chambers: availability of a Certificate of Analysis for each batch number
- High-tech materials and rigorous industrial processes: control of the raw materials used and best process used to ensure reliable analyses
- Reliability: controlled filling of chambers
- Accuracy and reliability of semen analyses
- Standardization of analyses
- Repeatable and objective measures
- Inspection and tracking of raw materials, toxicity checks, depth checks, 18-point visual inspection
- Easy-to-use slides

References

- 025107 - Leja 4 chambers slides
- 025108 - Leja 8 chambers slides
- 025095 - 8 chambers warming stage for IVOS II only



OptiXcell

Unique liposome-based extender without animal protein, for fresh and frozen bovine semen.

IMV Technologies has developed OptiXcell: the first semen extender based on - synthesized liposomes (without animal protein).

Liposomes are IMV Technologies solution to replace egg yolk.

OptiXcell allows a safe and high quality preparation and preservation of both your fresh and frozen semen doses.



References

- 026218 - OptiXcell 250 mL - QSF 750 mL
- 025239 - OptiXcell CSS (without preservatives)
- 027919 - Kit OptiXcell CSS (with preservatives)

Key benefits

- Clear, particle free media
- Enhanced microscopic and CASA evaluation
- Animal protein free
- High quality extender
- Extended shelf-life
- Optimised for fresh semen
- OptiXcell conserves mobility parameters of fresh semen
- High performance with low numbers of spermatozoa per dose
- Ready to use (just add water)

Related products

- 019757 - Sterile water
- 005299 - Bar magnet
- 005298 - Heating magnetic stirrer
- 020177 - 240 mL Pyrex bottle
- 008325 - Holder for 16 bottles
- 027153 - Complete dilution system
- 023041 - PH meter 720 with Sentix 41 probe
- 005739 - Glass water distiller
- 024931 - 005732 - 005736 - Hot air sterilizer
- 007227 - Water bath
- 005727 - Water bath with lid
- 022375 - 4200 g electronic balance

BioXcell

Animal protein-free, vegetal phospholipid based extender for frozen bovine semen.

References

016218 - BioXcell 250 mL - QSF 1,250 mL
006584 - BioXcell 100 mL - QSF 500 mL
018617 - BioXcell CSS



Key benefits

- Media for frozen (-196°C) or fresh semen (+4°C).
- Good results cold shock spermatozoa resistance tests.
- BioXcell contains an antibiotic mix of Lincomycin, Spectinomycin, Gentamycin and Tylosin.
- Easy to use, 1 bottle of BioXcell is diluted in 400 ml of water for a final extended, ready to use volume of 500 ml.
- Due to the absence of egg yolk and/or milk, BioXcell is clear after dilution. This makes diluted semen easy to evaluate under the microscope or CASA System.

BullXcell

Professional manufactured preparation for semi home-made egg-yolk based extender.

Reference

022325 - BullXcell



Key benefits

- Secure results: exclusive proven formula In-vitro results
- Optimal protection of the sperm cells: tris buffer. High fertility also at sub-optimal concentration. Safe for low dilution bulls
- Guaranteed stability: 0.22 µm filter-sterile concentrate, tested by an independent laboratory.
- Time-saving compared to fully home-made products

Optidyl

Optidyl is a concentrated sterilized egg yolk based extender for freezing of bull semen doses.

Reference

020996 - 500 ml Optidyl QSF 1 250 ml



Key benefits

- Good motility results
- Results that are not dependent on the bull
- Ready to use (water added)
- Proven results

30L Water bath

30 L water bath with heating circulator and a stand for baby bottles and tubes.

Reference

007227 - 30 L water bath



Accessories

008325 - Holder for 16 bottles

020177 - 240 mL Pyrex bottle

Water bath

45 L Stainless steel water bath with lid.

Reference

005727 - 45L wather bath



Accessorie

020177 - 240 mL Pyrex bottle

Stainless steel sterilizer

Stainless steel sterilizer: 30C° to 220C°.

References

024931 - 53 L - internal dimensions 400*400*330

005732 - 108 L - internal dimensions 560*480*400

005736 - 256 L - internal dimensions 800*640*500



Dry water bath

Dry water bath used to keep collected semen at the right temperature in the pass-through window and laboratory.

Reference

024504 - Dry water bath



Smart dilution dispenser

System used to carry out pre-dilutions or final dilutions. Balance controlled accurate peristaltic pump. Automatically slows down and stops at the desired weight whether input manually or automatically from eSMILE. Stand-alone operation or connection to PC for batch dilution.

Key benefits

- Fast and user-friendly
- Compatible with Smile and eSmile
- Durable and autoclavable silicone tubing
- Complete with pump control, pump head, stand, tubing and sinker
- Accuracy to 0.01 to 0.5 gr (2 balance options)
- Flow rate from 0.1 ml to 1000 ml / mn High speed printing

Reference

022375 - Smart Dilution dispenser + Balance 3kg precision 0.1g with Rs232





IRIS Compact

IRIS Compact offers a wide range of printing options, allowing you to print straws and rods with unique field type, barcode, and logos. With IRIS, all laboratories can have access to traceability with a low cost of ownership.



Key benefits

FAST AND RELIABLE

- High speed printing 18,000 straws/hr
- Anti-jamming system

ULTRA-COMPACT INKJET

- No daily cleaning
- Easy to use
- Print easily on:
 - mini straws
 - medium straws
 - identification rods

INTUITIVE AND CONNECTED CONTROL

- Supervision software
- Reliable counting of straws and identification rods
- Compatible with eSmile

References

- 029470 - IRIS Compact
- 028763 - Medium Hopper
- 028766 - Mini Hopper
- 029140 - Ink Solvent emission aspiration/filtration system



IRIS Standard

IRIS Standard offers a wide range of printing options, allowing you to print straws and rods with unique field type, barcode, and logos. With IRIS, all laboratories can have access to traceability.



Key benefits

FAST AND RELIABLE

- High speed printing
- Anti-jamming system
- No daily cleaning
- Easy to use
- Robust
- Print easily on:
 - mini straws
 - medium straws
 - identification rods

INTUITIVE AND CONNECTED CONTROL

- Supervision software
- Reliable counting of straws and identification rods
- Compatible with eSmile

References

028865 - IRIS Standard

028763 - Medium Hopper

028766 - Mini Hopper

029140 - Ink Solvent emission aspiration/filtration system

029270 - IRIS Configurable

The IRIS system is compatible with Domino printers only.

Printer models that are IRIS system compatible are:

Domino A420i

Domino Ax350i

Domino A200 + with wiring modification

Domino A200 with wiring modification



ISevo V2 alpha Flex

Designed for optimum flexibility and safety, rely on ISevo alpha Flex for the entire semen packaging process, compatible with any type of straw!

Benefit from the alpha mode and its automated plug moisture level control for alpha straw, or turn it off to use any other semen straw.



References

- 030070 - ISevo V2 Alpha Flex medium non integrated 110V
- 030067 - ISevo V2 Alpha Flex mini non integrated 110V
- 030069 - ISevo V2 Alpha Flex medium integrated 220v with jet printer
- 030066 - ISevo V2 Alpha Flex medium integrated 220v without jet printer
- 030065 - ISevo V2 Alpha Flex medium non integrated 220V
- 030064 - ISevo V2 Alpha Flex mini integrated 220v with jet printer
- 030063 - ISevo V2 Alpha Flex mini integrated 220V without jet printer
- 030062 - ISevo V2 Alpha Flex mini non integrated 220V

Accessories

- 028998 - Mini disposable filling nozzle for ISevo
- 029010 - Mini single disposable filling nozzle
- 030048 - Semen cone
- 005564 - 017484 - 007329 - Flexible tube for semen filling
- 028468 - Premium tightness plug
- 007705 - Medium short suction nozzle
- 007706 - Mini short suction nozzle
- 007703 - Medium long filling nozzle
- 026511 - Mini suction nozzle for alpha straws

Key benefits

- Optimum security and reliability
- Time saving: Up to 12,500 straws per hour
- Efficient filling and sealing
- Absorb less semen
- Smart ergonomics to improve user comfort and reaction speed
- Unique traceability and safety system

Efficient and optimized filling, sealing and/or printing

Engineered for precision, speed and safety, ISevo V2 range ensures seamless filling, sealing and/or printing of bovine semen straws. Its optimized range minimizes waste and maximizes output, delivering consistent results with every cycle. ISevo V2 range is a monolithic multi-purpose machine which handle the filling of different species like Bovine, Equine, Ovine and Aquaculture. Isevo V2 range can be available with integrated system.

Built to withstand time, offering reliability and easy day-to-day maintenance

Isevo V2 range, designed for filling, sealing and or printing semen straws, ensures long-term reliability with its robust construction. Its user-friendly design allows for quick, hassle-free daily maintenance, keeping your operations smooth and efficient.

Advanced traceability for semen doses

Ensuring full traceability is essential in modern semen collection center, and this machine is designed to meet that need with precision and efficiency. Integrated with the IIS supervision software, it provides real-time monitoring and comprehensive batch tracking.

Switch to safe mode

ISevo V2 Alpha FLEX is a commitment. The commitment of working safely and quickly, in total confidence and silence. This concept blends leading-edge technology and intelligence, ensuring the perfect filling of each straw.





ISevo V2

ISevo V2 is newest filling and sealing machine designed for multi species purpose. The ISevo machine is an automated solution designed to fill bovine semen straws with precision and efficiency.

It offers several key advantages: time saving, peace of mind through reliable operations, advanced traceability, detection of properly filled straws, as well as efficient filling and sealing. Its smart ergonomics make it user-friendly, streamlining the entire process for better security and ease of use.



Key benefits

- Semi-real-time alpha detection for up to 16 alpha straws colors.
- Large semen cone with a 200 ml capacity.
- New designed and efficient supervision software.
- Datamatrix printing capability.
- Single "all-in-one" machine
- Viscous media compatibility.
- Easy to clean
- Unique traceability

Accessories

- 030048 - Semen cone
- 005564 - 017484 - 007329 - Flexible tube for semen filling
- 028468 - Premium tightness plug
- 007705 - Medium short suction nozzle
- 007706 - Mini short suction nozzle
- 007703 - Medium long filling nozzle
- 025352 - Disposable filling nozzle
- 026544 - Disposable filling nozzle holder
- 027838 - Reusable filling nozzle holder

References

- 030068 - ISEVO V2 MEDIUM NON INTEGRATED 110V
- 030056 - ISevo V2 mini non integrated 110V
- 030061 - ISevo V2 medium integrated 220V with jet printer
- 030071 - ISevo V2 medium integrated 220v without jet printer
- 030059 - ISevo V2 medium non integrated 220V
- 030057 - ISevo V2 mini integrated 220V with jet printer
- 030054 - ISevo V2 mini integrated 220V without jet printer
- 030060 - ISevo V2 mini non integrated 220V



MX4

For laboratories which look for flexibility without cutting back efficiency, MX4 was engineered to fill and seal mini and medium straws at a speed of up to 13,000 straws per hour.



Reference

023258 - MX4 non integrated

Key benefits

- Variable speed
- Easy operation and maintenance

Accessories

- 007704 - Mini long filling nozzle
- 007703 - Medium long filling nozzle
- 023669 - Mini straw hopper for Genom'X / MX4
- 023667 - Filled straws hopper GENOM'X
- 010240 - Tightness plug
- 005564 - 017484 - 007329 - Flexible tube for semen filling
- 025430 - Semen cone
- 025302 - Mini single disposable filling nozzle
- 019764 - 4 ways mini disposable filling nozzle
- 007705 - Medium short suction nozzle
- 007706 - Mini short suction nozzle
- 024649 - Filling needle holder
- 007705 - Medium short suction nozzle for ISevo, MRS1 dual, MRS4 and IS4
- 007706 - Mini short suction nozzle, compatible with ISevo, MRS1 dual, MRS4, and IS4
- 007703 - Medium long filling nozzle compatible with ISevo, MRS1, MRS4 and IS4
- 007704 - Mini long filling nozzle compatible with MRS1 dual, MRS4, MX4 and IS4

Related products

Top Bull Straws





alpha straw

The alpha straw is IMV Technologies latest technology in bovine semen straws. It ensures correct filling of the straw, enhancing the safety of the dose.

Once the straw plug reaches the appropriate level of moisture, the straw plug will fluoresce to indicate that a quality seal has been achieved.

The alpha straw helps to prevent potential losses during thawing. Its colored plug turns fluorescent when correctly moistened, enabling automatic and / or visual control of the plug's moisture level.



Key benefits

- Automatic control of the plug moisture level (when used with ISevo alpha machine)
- Low absorption
- Optional thawing detection (SensiTemp alpha straw)

MORE COMFORT, MORE SECURITY

- When a straw is poorly sealed, it may explode during thawing and becomes thus unusable. The immediate advantage of the alpha straw is to reduce, thanks to a simple visual control, the number of straws potentially compromised during thawing.

GAIN IN PRODUCTIVITY AND RELIABILITY

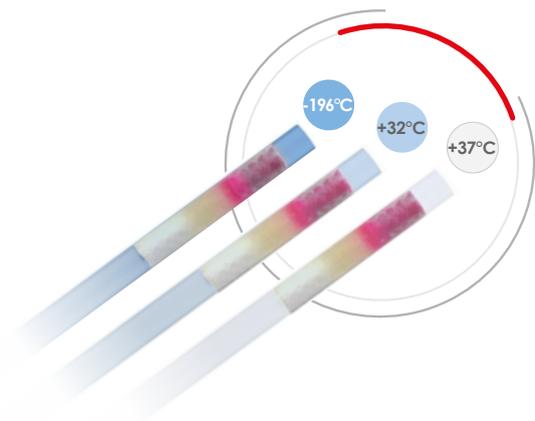
- Used in conjunction with the ISevo alpha filling and sealing machine, the alpha straw allows automatic control of the plug filling. If the machine does not detect fluorescence, it pauses and alerts the user.

LOW ABSORPTION TECHNOLOGY

- The alpha straw, like the TBS straw, allows to save semen. It is available in 16 colors, including the SensiTemp alpha straw (pastel blue). This innovation enhances safety, optimizes productivity and allows centers to produce reliable products.

BEYOND α TECHNOLOGY

- In addition to the alpha technology, the alpha SensiTemp straw is composed of a Smart polymer design to fully change the tube's color when reaching +37°C, which is the optimal thawing temperature for insemination.



References

Mini alpha Straws

- 030102 - Pastel green
- 030105 - Pastel salmon
- 030106 - Pastel pink
- 030107 - Pastel fluo orange
- 030108 - Pastel putty
- 030109 - Pastel purple
- 030110 - Pastel yellow
- 030111 - Pastel grey
- 030112 - White
- 030115 - Pastel orange
- 030117 - Pastel blue
- 030118 - Pastel pistachio
- 030119 - Sensitemp blue
- 030120 - Clear
- 030213 - Clear yellow
- 030241 - Pastel red

Medium alpha Straws

- 028285 - Clear
- 028286 - White
- 028284 - Pastel Pistachio
- 028493 - Pastel Yellow
- 028496 - Pastel Red
- 028497 - Pastel Grey



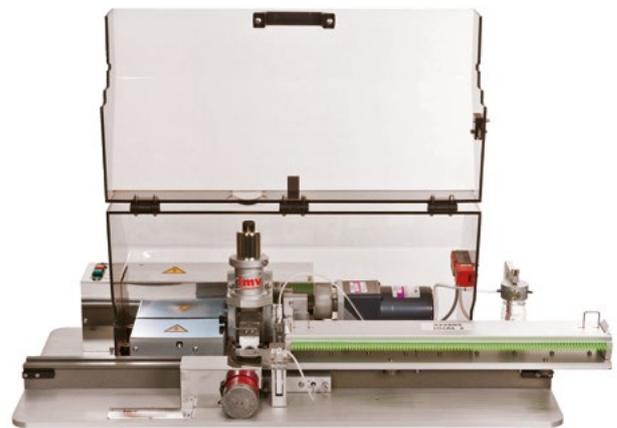
MRS1 Dual

The 1x1 straw filling and sealing machine made for small or mobile laboratories and customized productions.



Key benefits

- Reliable and easy to operate
- Possibility to pre-set the number of straws to fill on the rack
- Automatic transfer of filled straws to the freeze racks
- Fills and seals up to 3,600 straws per hour
- Works both at +4°C and room temperature



References

- 022990 - MRS1 Dual v2 115 V
- 022989 - MRS1 Dual v2 230 V

Related products

- Top Bull Straws
- 022887 - 100 mini straws carrier for MRS1 V2
- 022888 - 58 mini straws carrier for MRS1 V2
- 022889 - 100 medium straws carrier for MRS1 V2



Accessories

- 025352 - Mini disposable filling nozzle
- 007704 - Mini long filling nozzle
- 007703 - Medium long filling nozzle compatible with ISevo
- 025302 - Mini single disposable filling nozzle
- 010240 - Tightness plug
- 025430 - Semen cone
- 005564 - 017484 - 007329 - Flexible tube for semen filling
- 007705 - Medium short suction nozzle
- 007706 - 007703 - Mini short suction nozzle
- 022887 - 100 Mini straw carrier for MRS1 V2
- 022889 - 100 Medium straw carrier for MRS1 V2
- 022891 - 40 Medium straw carrier for MRS1 V2



TBS straw

The TBS, or Top Bull Straw, was designed for bulls of high genetic merit. Proprietary, low-absorption technology used in this straw reduces the volume of ejaculate lost to the plug during filling.

References

017011 - Clear	019707 - Pink
018299 - White	017014 - Pastel blue
017015 - Pastel grey	028393 - Light blue
017016 - Pastel yellow	021702 - Pastel purple
028392 - Putty	018888 - Pastel pistachio
017017 - Pastel orange	017013 - Pastel green*
026859 - Fluo orange	019709 - Pistachio green
025601 - Pastel salmon	026858 - Fluo green
017012 - Pastel red	

* Non readable bar code



Classic straw

Original straw created by our founder Robert Cassou in 1963, never equaled in terms of reliability.

Exists in mini and medium format.



References

Classic mini straws

005565 - Clear
 005576 - Gray
 005577 - Pastel gray
 005578 - Yellow
 005701 - Light yellow
 005575 - Pastel yellow
 005585 - Putty
 005583 - Orange
 005580 - Pastel orange
 005582 - Salmon
 005567 - Pastel red
 005581 - Pink
 005571 - Red
 005584 - Pastel blue
 005680 - Royal blue*
 005573 - Purple
 019130 - Pastel purple
 019179 - Pastel pistachio
 005570 - Green*

Classic medium straws

005569 - Clear
 005698 - Pastel gray
 005707 - Yellow
 005590 - Pastel yellow
 005711 - Putty
 005685 - Pastel orange
 005715 - Salmon
 005709 - Pastel red
 005712 - Pink
 005702 - Red
 005697 - Pastel blue
 005703 - Purple
 020201 - Pastel pistachio
 005568 - Green*
 005710 - Pastel green*
 005746 - Pistachio green

* Non readable bar code



Mini fresh semen straws

The fresh semen straw has special characteristics (plug + tube material) that enable improved preservation at 4°C compared to conventional straws.

Fresh semen straws require less storage cost compared to frozen straws, allowing for more efficient resource management and cost reduction.

Fresh semen straws are ideal for breeders looking to inseminate in calving groups due to the short period of insemination. This increased flexibility enables more precise planning and optimization of reproduction processes.

References

- 029876 - Mini straw for fresh semen white plug
- 029877 - Mini straw for fresh semen grey plug
- 029878 - Mini straw for fresh semen yellow plug
- 029879 - Mini straw for fresh semen red plug
- 029880 - Mini straw for fresh semen blue plug
- 029881 - Mini straw for fresh semen green plug





Vertical Cold Cabinet

This vertical cold cabinet is designed for an easy access thanks to front loading: its ergonomic design improves the user's working comfort.

Reference

018544 - Vertical cold cabinet



Horizontal Cold Cabinet

The IMV Technologies horizontal cold cabinet is a customized refrigerated workspace for frozen semen straw production laboratories. The worktable can be used to house the straw filling and sealing system, or for the equilibration of straws.

References

028571 - Horizontal cold cabinet 220V/50 Hz Height 2M

028570 - Horizontal cold cabinet 110V/60 Hz Height 2M: US market



Digitcool alpha

Controlled rate Straw freezer designed for a precise and uniform semen straw freezing. The Digitcool alpha human-centered features ease daily operations in laboratories.



Key benefits

- Designed to preserve the integrity of gametes during freezing
- Zero frigorific loss and optimized nitrogen consumption
- Aeronautics technology connectors
- Controlled deep freezing
- Enhances your Standard Operating Procedures
- Fully programmable and easy to disinfect



Reference

029126 - Digitcool alpha

Related products

- 029138 - Starter pack Medium Digitcool alpha
- 029134 - Starter pack Mini Digitcool alpha
- 028480 - Freezing rack for 100 medium straws for Digitcool alpha
- 029132 - Distribution block for 100 medium straws for Digitcool alpha
- 028483 - Freezing rack for 175 mini straws for Digitcool alpha
- 029131 - Distribution block for 175 mini straws for Digitcool alpha
- 029135 - Pack of 1 straw collector + 10 dividers medium
- 029136 - Pack of 1 straw collector + 10 mini divider
- 028959 - UPS Digitcool alpha 1500VA / 1050W
- 020279 - Cryogenics gloves by pair
- 020278 - Safety glasses
- 028551 - 230 L tank with Flexible + Caster + Gauge

HOMOGENEOUS FREEZING

Thermodynamic principles have been meticulously respected to preserve the integrity of the same in every corner of the container.

COMFORT USAGE AND OPERATOR SAFETY

- Hands-free opening of the lid
- Safer for the user
- Eliminates liquid nitrogen-derived injuries

TIME SAVING

- Easy and semi-automated straw alignment within the racks
- Production batch visibility at a glance with the batch separator
- Specially designed straw collector

PEACE OF MIND

Even if you lose electrical power, a UPS battery backup system keeps the Digitcool alpha running long enough to safely perform its freezing cycle

Mini Digitcool

Mini-Digitcool is a more compact version of Digitcool with the same benefits. Mini-Digitcool freezer is used to freeze straws on 24 racks.

Reference

007263 - Mini-Digitcool



Accessories

- 026069 - WIN 3T v2 software
- 007121 - Freezing rack for 100 mini straws
- 007186 - PC/COM cable
- 024121 - Straw gathering forceps
- 020279 - Cryogenics gloves by pair
- 020278 - Safety glasses

Micro Digitcool

Micro-Digitcool is the smallest digitcool while keeping the same benefits. Micro-Digitcool freezer is used to freeze straws on 6 racks.

Reference

007261 - Micro-Digitcool



Accessories

- 026069 - WIN 3T v2 software
- 007119 - Freezing rack for 40 medium straws
- 007093 - Distribution block for 40 medium straws
- 007186 - PC/COM cable
- 007118 - Freezing rack for 58 medium straws
- 007092 - Distribution block for 58 straws
- 020279 - Cryogenics gloves by pair
- 020278 - Safety glasses



MCA Dual

IMV Technologies automatic counting and packaging machine automatically counts and packages frozen straws in visotubes, while keeping them at -196°C thanks to its dedicated mobile host tank.



Key benefits

- Safety: avoids damaging straws during packaging
- Increases productivity: more than 90 straws per minute
- Ease of use: only 3 switches
- Reliability: built with materials that can withstand extreme cold cycles



References

- 015763 - Automatic counting machine - MCA for mini straws /115V
- 015691 - Automatic counting machine - MCA for mini straws /230V
- 015764 - Automatic counting machine - MCA for medium straws /115V
- 015760 - Automatic counting machine - MCA for medium straws /230V

Accessories

- 007114 - Conversion kit for automatic counting machine for medium straws
- 007115 - Conversion kit for automatic counting machine for medium straws

- Equipment for 65mm goblet
- Equipment for 35mm goblet
- Equipment for 13mm visotube
- Equipment for 12mm visotube
- Equipment for 10mm visotube
- Equipment for 9.2mm visotube
- Equipment for 7.1mm visotube
- Equipment for hexagonal visotube

Related products

- 022512 - MCA CUV
- 020278 - Pair of protective glasses



MCA CUV

The MCA CUV liquid nitrogen vapor freezing unit was specially designed for the freezing of straws over liquid nitrogen vapor.

The system also can be used as a holding tank for the MCA (automated goblet packaging) and MCM (manual goblet packaging) machines.

The CUV is supplied with an adjustable, mobile table or lift.



Reference

022512 - Vapor freezing unit and MCA/MCM holding tank

Accessories

- 025679 - Lifting table
- 007120 - Freezing rack for 175 mini straws
- 007089 - Distribution block for 175 mini straws
- 007117 - Freezing rack for 100 medium straws
- 007091 - Distribution block for 100 medium straws
- 016393 - Two-way numerical temperature controller



MCM

The MCM is a manual counting machine designed to package and count frozen straws in visotubes.

This equipment is specially designed to divide small batches of straws in visotubes.

References

007098 - Manual counting machine - MCM For visotubes diameter 10 mm (10 mini straws or 5 medium straws)

007095 - Manual counting machine - MCM For visotubes diameter 13 mm (25 mini straws or 10 medium straws)



Accessories

007826 - 010998 - 010975 - Counting slide for MCM

LN2 Container

Different types of LN2 containers are available to fit all your needs.

Your choice of container mainly depends on the number of straws that you will need to store.

References

017411 - Container 3 liters - 6 canisters - 1 level

005213 - Container 9 liters - 6 canisters - 1 level

005219 - Container 21 liters - 6 canisters - 2 levels

005214 - Container 26 liters - 9 canisters - 2 levels

005227 - Container 35 liters - 6 canisters - 2 levels

005228 - Container 40 liters - 10 canisters - 2 levels

024505 - Container Arpege 75 liters - 21 canisters - 4 levels

028832 - Container 420 liters wide opening- 110 canisters - 4 levels





Visotubes

Hexagonal visotubes have an original shape which can fit into our 35 mm and 65 mm goblets.

1 hexagonal visotube can contain 80 mini straws or 36 medium straws.

7 hexagonal visotubes can be inserted into a 65 mm goblet

Polygonal visotube are designed to fit perfectly the shape of our 65 mm and 35 mm goblets.

1 polygonal visotube can contain 30 mini straws or 15 medium straws.

15 polygonal visotubes can be put into a 65 mm goblet, and 4 can be put into a 35 mm goblet.

Round visotube

The 10 mm visotube can hold up to 12 mini straws or 5 medium straws.

Eight 10 mm visotubes can be put into a 35 mm goblet.



References

Hexagonal visotubes

006875 - White
006338 - Red
006394 - Green
006409 - Blue
006414 - Yellow
006405 - Orange

Polygonal visotubes

006401 - White
006619 - Orange
006620 - Blue
006622 - Red
006623 - Green
006624 - Yellow



Round visotubes

7.1 mm	9.2 mm	10 mm	12 mm	13 mm
006658 - White	006421 - White	005561 - White	006677 - White	006420 - White
006441 - Red	006390 - Green	006422 - Blue	006695 - Yellow	006404 - Red
006659 - Green	006400 - Blue	006402 - Yellow	006683 - Orange	006413 - Green
006399 - Blue	006423 - Yellow	006673 - Orange	006408 - Red	006395 - Blue
006412 - Yellow	006667 - Orange	006672 - Pistachio	006679 - Green	006411 - Yellow
006662 - Orange	006668 - Red	006403 - Pink	006678 - Blue	006689 - Orange
006661 - Purple		006392 - Red		
006407 - Pistachio		006406 - Green		



Canisters flags

Identifiers and flags can be seen easily from above the tank and are generally used to identify goblets.

References

007328 - White	015697 - Turquoise
015693 - Yellow	015698 - Orange
015694 - Salmon	015699 - Violet
015695 - Pink	015700 - Red
015696 - Dark green	015706 - Gray



Canisters

Canisters are designed to hold goblets in the LN2 tank.

Different heights of canisters are available, with a capacity of between 2 and 6 goblets.

References

018342 - 2-level canister
018341 - 3-level canister
018340 - 4-level canister
018339 - 5-level canister
018127 - 6-level canister



Related products

026924 - Short forceps length 23 cm
026925 - Long forceps length 110 cm



CITO Thawer

Cito thawer used to thaw straws at the ideal temperature, without damaging them.

Reference

026897 - CITO thawer 12/220V



Accessories

- 018255 - Thermometer for CITO thawer -
- 005940 - Holder for 20 tubes ø 20 mm
- 026923 - Tweezers for technician length 14 cm
- 005727 - Water bath with lid
- 020111 - Sterile 10 mL tubes
- 005233 - Straw cutter



Kombicolor MAX

Kombicolor MAX is the most robust and reliable bovine insemination gun, designed for use with both Mini and Medium straws.

Its increased length (+2 cm) ensures greater precision during insemination and improved adaptability across various cattle breeds, offering technicians better handling and control.

The enhanced tube thickness provides exceptional durability and resistance, even in the most demanding conditions, significantly extending the product's lifespan.

Kombicolor MAX is also perfectly compatible with Alpha Sheaths (Ref. 024485), forming a secure, leak-free connection without the need for O-rings.



References

030128 - Red	030132 - White
030129 - Blue	030201 - Plunger Kombicolor MAX
030130 - Green	018318 - Plunger Kombicolor
030131 - Yellow	

Key benefits

- High security insemination
- Animal well-being
- Time saving

Related products

- 024485 - alpha sheath
- 029990 - Bovine unsplit universal sheath box of 5000
- 029994 - Bovine split universal sheath box of 5000
- 006323 - Sheath container
- 006322 - Syringe container
- 027923 - 026358 - 024199 - 027924 - GIA glove
- 026066 - Green Air glove
- 023917 - B-lube
- 005233 - Manual straw-cutter
- 005563 - 006459 - Roll of sanitary sheaths

Flexia

The Flexia is a versatile semen applicator for bovines, compatible with mini and medium straws and which can be used with split and unsplit sheaths.

Reference

020267 - Flexia



Top Bull Sheath Applicator

Top Bull Sheath Applicator : A specialized applicator for exclusive use with the Top Bull Sheath and mini straws.

Reference

028409 - Top Bull Sheath Applicator





alpha Sheath

With its specific dome head, the alpha sheath passes smoothly into the cervix and through the cervical folds. Its dual-lateral delivery improves hygiene.



Reference

024485 - alpha sheath

Key benefits

- High security insemination
- Animal well-being
- Time saving
- Optimized for Kombicolor applicator
- For mini and medium straws
- Facilitates optimum placement
- Better straw fit, no backflow
- Crystalline plastic
- Easy reading of straw printing, even through head dual-lateral delivery
- Improves hygiene
- Transparent head makes fluids easy to see upon withdrawal
- Improved connection, prevents separation from the gun

Related products

- 018396 - 018397 - 018398 - 018399 - 018400 - Kombicolor
- 005563 - 006459 - Roll of sanitary sheaths
- 006322 - Syringe container
- 006323 - Sheath container
- 027923 - 026358 - 024199 - 027924 - GIA glove
- 026066 - Green Air glove
- 023917 - B-lube
- 005233 - Manual straw-cutter

Top Bull Sheath

A specialized sheath for use with mini straws. Featuring a reduced diameter, optimized tip design, and a perfect fit between the sheath, straw, and applicator, the TBS sheath brings heightened precision to insemination.

Reference

028215 - Top Bull Sheath





Universal split sheaths

Perfectly tight fit with mini and medium straws. Transparent sheath and plug allows you to control the information on the straw, the split sheaths have a green adapter.



Reference

029994 - Bovine split universal sheath box of 5000 (by pallet of 180 000).

Accessories

- 020267 - Flexia
- 005563 - 006459 - Roll of sanitary sheaths
- 006323 - Sheath container
- 010579 - Plastic insemination box
- 026923 - Tweezers for technician length 14 cm
- 027923 - 026358 - 024199 - 027924 - GIA glove
- 023917 - B-lube
- 026066 - Green Air glove



Universal unsplit sheaths

Perfectly tight fit with mini and medium straws. Transparent sheath and plug allows you to control the information on the straw, the unsplit sheath has a blue adapter.



Reference

029990 - Bovine universal unsplit sheaths box of 5000 (pallet of 180 000).

Accessories

- 020267 - Kombicolor
- 005563 - 006459 - Roll of sanitary sheaths
- 006323 - Sheath container
- 010579 - Plastic insemination box
- 026923 - Tweezers for technician length 14 cm
- 027923 - 026358 - 024199 - 027924 - GIA glove
- 023917 - B-lube
- 026066 - Green Air glove



Easi-Scan:Go

Fast, light and with minimal set-up time required, the Easi-Scan:Go is ready to go when you are, providing speedy results without sacrificing accuracy. Biosecurity is not an issue as the scanner is waterproof and completely sealed. This contributes to an even more efficient workflow on the farm.



References

ESG-SCANNER-L – Easi-Scan:Go Linear
ESG-SCANNER -C – Easi-Scan:Go Curve

Specifications:

Probe	Sealed, linear and curve, 128 elements
Charger	Stand-alone charger, can be used in the car
Battery life	Up to 5 hours
Waterproofness	IP 67, waterproof
Viewing device	Smartphone, Tablet, VGA and OLED goggles
Bovine	Reproduction
Dimensions	19 x 8.3 x 6.2 cm
Weight	850g
Warranty	2 years

Key benefits

Easi-Scan:Go Linear and Curve

- Fully sealed unit ensuring waterproof to IP67 standard
- Exceptional image quality allowing for full fertility and pregnancy examinations as well as non-reproductive applications such as teat scanning, lung scanning, post-calving examinations and body condition assessment
- Connection with Farm Management systems to allow full picture of cow health displayed on the ultrasound image. KPI detail such as age, last inseminated, milk yield can all be visible for each individual cow. (restrictions apply)
- Connect up to 3 smart devices or BUG:Go to view the image simultaneously
- Weighs only 850 grams and can be securely attached to a belt
- Images and clips saved directly on your phone or tablet

Applications

- Abdominal
- Gynecologic
- Non-reproduction

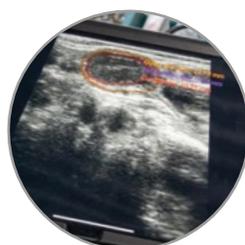
Related features

CFM (Colour Flow Mapping) exclusive to Easi-Scan:Go

- Negative pregnancy diagnosis from 18 days after AI
- Foetus viability confirmation (heart – cotyledons)
- Recipients cows for embryo transfer purpose

Bovintel

Ultrasound reimaged. **Bringing fertility and pregnancy into focus** for conception rate success. The future starts here.



Key benefits

Our revolutionary new technology takes fertility and pregnancy scanning to the next level to improve dairy herd performance.

As you scan it will automatically

- **Identify** the ovary, Corpus Luteum, follicle, cysts and foetus heart beat on ultrasound image
- Highlight and label them **in colour** on your tablet or BUG:Go screen
- Take and display precise **measurements** – to the nearest mm of the foetus ageing, amount of blood around CL and ovarian structures
- All without interrupting your workflow, in fact, it could speed up the scanning process **by up to 3 times**
- Identify non-pregnant cows from day 20 and save 11 Euro per day per cow
- Improve ET procedure success rate by 12%



ExaPad range

Our full ExaPad range is designed with the mixed practice vet in mind suitable for both routine work and advanced applications.



References

- 90-3346KIT - ExaPad Veterinary ultrasound scanner
- 90-2440KIT - ExaPad Mini veterinary ultrasound scanner
- 903188 - ExaPad Micro veterinary ultrasound scanner

Key benefits

ExaPad

Seamlessly switch between applications with 2 probe connectors

- Large imaging viewing area
- Excellent image quality

ExaPad Mini

- Suitable for in practice or in field use
- Excellent imaging for OPU application
- Software integrations with MeatQText and EcoText

ExaPad Micro

- Compact and portable scanner
- Purposely designed accessories to support you in any use-case
- Ruggedised machine with magnesium casing and veterinary tested probes

Applications

- Abdominal
- Musculoskeletal
- Gynecologic
- OPU

Related features

Teamviewer: Equipped with Teamviewer to allow for remote support on the device. Allowing you to have access to technical and clinical experts should you have any difficulty whilst imaging

CFM (Colour Flow Mapping) for:

- Negative pregnancy diagnosis from 18 days after AI
- Foetus viability confirmation (heart – cotyledons)
- Recipients cows for embryo transfer purpose

Compatibility software: (for ExaPad and ExaPad Mini)

- ECOTEXT: tool to predict young bulls' fertility
- MEATQTEXT: to assess meat quality on live animals



ExaPad range

Probe compatibility

Product	ExaPad	Mini	Micro
 LR760V - Linear Rectal	X	X	X
 CRV460V - Curved rectal probe	X	X	X
 L738V- Linear Tendon	X	X	X
 C360S - Convex	X	X	X
 L3180B - Bovine Backfat	X	X	X
 OPU E610B - OPU, thin probe	X	X	X
 OPU E614B - OPU, thicker probe	X	X	X
 C614P - Micro-convex probe	X	X	X
 P320R - Phased array probe	X	X	
 P713R - Phased array probe	X	X	
 CC717B - Micro-convex probe	X		
 CC550V - Convex probe	X		
 LC1038V - Linear probe	X		
 LC1428V - Linear probe	X		

Specifications

	ExaPad	ExaPad Mini	ExaPad Micro
Console form	Touchscreen		
Probe connectors	2	1	1
Screen size	14 inches	12 inches	10 inches
Optional trolley	Yes	Yes	No
Battery life	60 mins	90 mins	90 mins
Optional external charger	No	No	Yes
Built in stand	Yes	Yes	No
Optional stand	No	No	Yes
Weight	6kg	4kg	2kg
Height	300mm	250mm	200mm
Width	390mm	320mm	280mm
Depth	70mm	58mm	55mm
Warranty	2 years		
Colour Doppler	Yes	Yes	Yes
Pulse wave doppler	Yes	Yes	Yes
Continuous wave doppler	Yes	Yes	No
ECG	Yes	No	No



ImaGo range

On the go reproduction focus ImaGo range is made for bovine vets on the go. ImaGo's rugged, portable design and excellent image quality ensures you're always ready for high-quality care, when working across multiple farms and to busy schedules thus reducing the time and cost up to 10%.



References

- ImaGo V2 with linear probe ImaGo-V2-L
- ImaGo V2 with curve probe ImaGo-V2-C
- ImaGo Flex V2 with removable probes ImaGo-V2-Flex

Probe compatibility:

Product	Flex
LR664V	X
CR460V	X
C360S	X
L3130B2	X
OPU E610B	X
OPU E614B	X
L3180B	X

Key benefits

ImaGo L&C

- Presets for different species to ensure a quick start
- Lightweight and small -1.18 kg
- Interchangeable 4 hours battery can be charged in the car
- Ensures biosecurity as it can be washed in the bucket of water and submerged (IP67 standard)
- With colour flow doppler mode ImaGo helps detect non-pregnant cows earlier saving up to 11 euro per day per cow

ImaGo Flex

- Presets for different species to ensure a quick start
- Lightweight and small -1.5 kg
- Interchangeable 4 hours battery can be charged in the car
- 7 probes can be connected
- With colour flow doppler mode ImaGo helps detect non-pregnant cows earlier saving up to 11 euro per day per cow

Applications

- Reproduction
- Abdominal
- Backfat and Loin muscle measurements
- IVF

Related features

CFM (Colour Flow Mapping)

- Negative pregnancy diagnosis from 18 days after AI
- Foetus viability confirmation (heart – cotyledons)
- Recipients cows for embryo transfer purpose

Specifications:

	ImaGo L&C	ImaGo Flex
Probe connectors	0	7
Screen size	6.5 inches	6.5 inches
Battery life	4 hours	4 hours
Optional external charger	Yes	Yes
Weight	1.18 kg	1.5 kg
Dimensions	21x9x17 cm	21x7x17 cm
Colour Doppler	Yes	Yes
Resets	More than 15	More than 47
Waterproofness	IP 67	IP32
Warranty	2 years	2 years



Polytactyl Mitt



Artificial insemination mitt for carrying out bovine inseminations. Cost-effective, the shape of this polyethylene muff makes insemination easy and risk-free. It has been used for more than 50 years throughout Europe.

Thickness 28µ

Reference

028498 - Polytactyl Mitt



Green Air



The Green Air Glove has the Ok Compost Industrial certification, ultra-breathable glove.

Thickness 21µ

Reference

026066 - Green Air glove



GIA



Specially designed for artificial inseminations and examinations.

Thickness 24µ

References

- 027923 - Size S - Length 920 mm
- 026358 - Size M - Length 1000 mm
- 024199 - Size L - Length 920 mm
- 027924 - Size XL - Length 1000 mm





Polyver



This glove is the thickest in the Polysem line. Ideal for long, difficult procedures, such as dystocia and embryotomies. It offers the highest level of resistance against tearing and limits odors.

Thickness 36µ

Green color

Reference

024256 - Polyver



Special Delivrance



Specially designed for calving, foaling, birth, and examinations. This comfortable polyethylene glove is suitable for daily procedures. It offers good value for the money.

Thickness 31µ

Brown color

References

030134 - Delivrance - Size S

030136 - Delivrance - Size M

024222 - Delivrance - Size L





Calving gown

With its long fitted sleeves and back cutouts, this gown is designed to be very strong and offer good protection. Available in two lengths.

References

Green:	Clear:
024265 - 140cm	025588 - 140cm
024253 - 155cm	025586 - 155cm



Overboot

Polyethylene overboots with 43x53 cm double elastics for heavy-duty use.

Reference

024242 - Overboot



Discover our range of products for bovine embryo transfer. We work every day to offer you quality products based on cutting-edge technology, safe and effective solutions for the bovine artificial insemination process.

Embryo collection



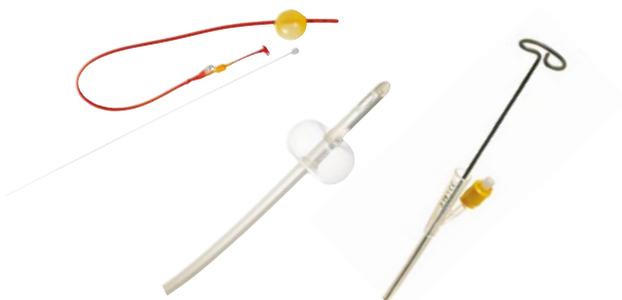
References

007245 - Cervix dilator



References

006355 - 3-way flushing equipment \varnothing 6 mm
 007378 - 2-way flushing equipment \varnothing 4 mm
 006358 - Extendable graduated \varnothing 6 mm catheter
 007311 - 3-way flushing equipment \varnothing 8 mm



References

005649 - Non-sterile 2-way Woerlein CH18 catheter
 017727 - 24" stylet for Foley CH18 or CH20 catheter



References

019450 - Euroflush
 Embryo flushing media with a pH detector, made with ultra pure water.
 Contains BSA.

022008 - EmXcell
 Embryo Flushing Media with pH
 Embryo flushing media with a pH detector, made with ultra pure water.



References

017724 - Y-Tubing without filter
 005126 - Cup filter for ET catheter
 017725 - Y-Tubing with filter
 017726 - EZ filter
 Filter used to find bovine embryos after flushing.



Packaging & freezing



References

- 019449 - Embryo holding medium / blister of 5x20 ml
Embryo Washing & Preservation Solution
20 mL holding solution to wash and preserve embryos before transfer or freezing.
- 029102 - Embryo freezing media ethylene glycol and sucrose 10ml
- 019446 - Embryo freezing medium with glycerol / blister of 5x20ml



References

- 014498 - Micropipetter
Laboratory material
Laboratory equipment: the micropipetter is used to manually fill all types of straws.
- 006324 - Sterilized bovine micropipette pack of 13
For transferring embryos to different baths.



References

- 006370 - No sterile mini flexible 133mm et bovine straw / 4x5
- 006426 - Mini sterile cristal 91 mm straw for bovine ET / 4x5
- 015010 - Direct ET 0.25ml yellow straws to be printed (per 20x5)
Direct transfer straw for the packaging of frozen bovine embryos with the ethylene glycol media.
- 008200 - Plugging guide
- 007342 - Yellow sterile plugging rod lg13mm/recept.4chambers x 5pcs
- 006470 - Non-sterile ET plugging rod
- 006466 - 0.5 ml cbs straw white plug white jacket / by 190



References

- 027502 - Embryo freezer CL2200
- 027503 - Embryo freezer CL5500

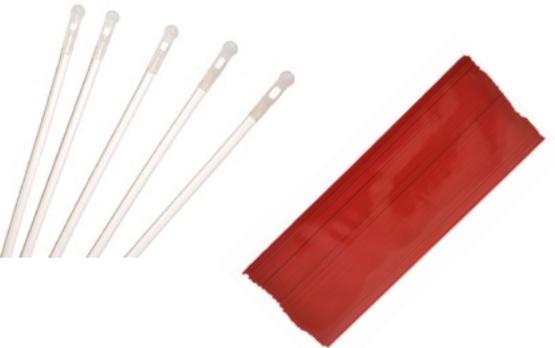


Embryo transfer



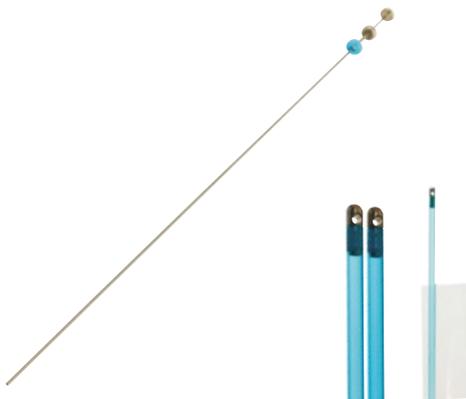
References

- 007239 - ET applicator for 4.1 mm sheaths
- 006385 - ET sheath \varnothing 4.1 mm



References

- 007241 - Telescopic syringe
Syringe for deep embryo transfer: used to transplant the embryo directly in the uterine horn.
- 006380 - ET sheath for telescopic syringe
This sheath is part of the Aspibryon embryo transfer system. Compatible with the telescopic syringe (007241) for deep embryo transfer.
- 006454 - Aspibryon with plastic tip
- 007296 - Plastic plunger for telescopic syringe



References

- 007240 - ET applicator for \varnothing 3 mm sheath for cut straws
- 007246 - ET applicator for \varnothing 3 mm sheath for uncut straws-deep chamber
- 006384 - ET sheath \varnothing 3 mm with sanitary sheath x1
- 005540 - ET sheath \varnothing 3 mm with sanitary sheath x5



Range of ultrasound scanners

Range of ultrasound scanners for quality control of the donor and recipient & pregnancy diagnosis

Product ranges:

- Exapad range
- IMAGO L/C and Flex
- Easi-scan go

For more details, refer to the product pages in the "Preliminary diagnosis" section.

OPU probes for embryo transfer

Probe compatibility

Product	
 OPU E610B - OPU, thin probe	Ideal for Eifers
 OPU E614B - OPU, thicker probe	Ideal for adult cows

The OPU probe box includes:

References

- 20-3004 - MTX screw
- 22-1993 - Guide handle
- 22-2483 - Needle guide G18
- 22-2499 - XL Scabbard (42.5cm)
- 22-3009 - Needle 60mm 18G
- 80-2997 - Storage box
- 80-3000 - Suitcase + OPU foam
- 80-3565 - Silicon Tube G18 1.0, 1X2.6 mm
- 22-3363 - Horizontal slider grip

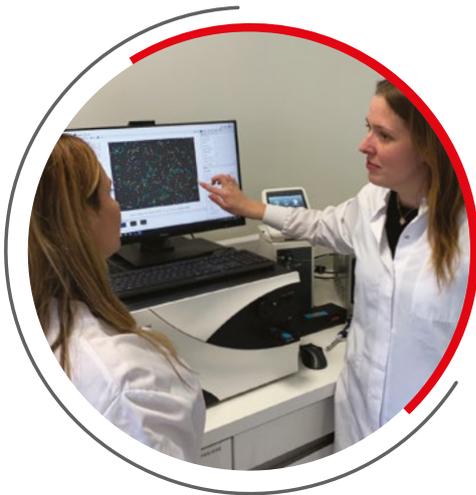
Related features

CFM (Colour Flow Mapping) for:

- Negative pregnancy diagnosis from 18 days after AI
- Foetus viability confirmation (heart – cotyledons)
- Recipients cows for embryo transfer purpose

Specifications

	ExaPad	ExaPad Mini	ExaPad Micro
Console form	Touchscreen		
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Depth	70mm	58mm	55mm
Warranty	2 years		
Colour Doppler	Yes	Yes	Yes
Pulse wave doppler	Yes	Yes	Yes
Continuous wave doppler	Yes	Yes	No
ECG	Yes	No	No



Training

Our field Application specialists and scientists will train your team members on the different process of the laboratory to ensure that the final product will be of high quality. We offer essential and advanced training in one to two-days format, either at your facilities or at IMV Technologies offices.

References

Semen analysis

- 026346 - Installation training IVOS II CEROS II 2 days on site
- 028839 - Semen analysis expertise 1h remote
- 026347 - Installation training IVOS II Fluo 3 days on site
- 026348 - Installation training EasyCyte 2 days on site
- 026349 - Semen analysis expertise 1 day on site

Bovine

- 024101 - Bovine semen processing training 3 days on site
- 024102 - Bovine reproduction training 1 day on site

Support

We understand that the intensive nature of our 1 to 3-days training sessions can be overwhelming. To ensure your confidence and seamless implementation, we offer continuous support following the installation and training. This service can be done remotely.

References

- 025093 - Technical support (EasyCyte per day)
- 028839 - R&D training 1h remote technical support
- 026349 - R&D technical support EasyCyte/IVOS II/CEROS II per day

Our training offer

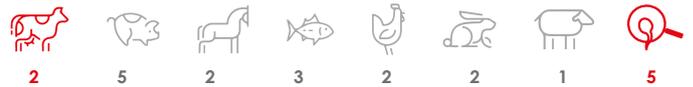
IMV Technologies provides tailored biological trainings, specific ready-to-use standard protocols and global approach to meet your needs in Reproductive Biotechnologies. Emphasizing a hands-on approach with practical exercises, we complement theoretical principles for optimal use of our products, extending our focus to provide personalized guidance. Our data-driven support beyond training helps you in overcoming challenges for your desired outcomes.

Equipment installations: biological and technical expertise

Our team composed of experts, PhD or vets will install your equipments that require biological expertise such as semen analysers (CASA, cytometer) or ultrasound scanners. Two main formats with several trainings per species are available.

Essential (One-day format)

Advanced (2-days+ format)



Number of trainings subjects



Contact us: academy@imv-technologies.com

More details: www.imv-technologies.com/training-programs

Download our complete training catalogue:

<https://www.imv-technologies.com/academy/field-application-service>



Since 1963, IMV Technologies has been manufacturing its own equipment and controlling over the entire process, encompassing design, installation, maintenance, and the machine's lifecycle until its retirement.



Equipment installations

Our team of experts will install your new equipment and ensure it is tailored to your needs, maximising efficiency.



Equipment training

After installing your equipment, our service technicians will train your team and ensure they know how to get the most out of the product. Each training is adapted to customer needs.

We offer three types of training:

- Onsite equipment training
- Equipment training for customers at the IMV Technologies corporate offices
- Remote training



After sales support

IMV Technologies' equipment is designed to last. To ensure the equipment always operates with optimal efficiency, we offer both preventive and corrective maintenance as well as maintenance contracts.

In the unlikely event of a breakdown, we offer three types of service:

- Telephone / Remote support
- Onsite repairs
- Product is returned to one of our service centers



Service Contracts

	EXPERT CONTRACT	PREMIUM CONTRACT
Preventive Maintenance Kit	X	X
Preventive Labor	X	X
Preventive technician's travel time	X	X
Hotline Free telephone assistance	X	X
Hotline Call priority	X	X
Software Upgrade	X	X
Spare parts (Corrective Maintenance)	50% Included	X
Labor (Corrective Maintenance)		X
Public holliday assistance		X
Technical training during Preventive Maintenance		2 hours*

*Excluding application training, please contact us for more information.

More details:
www.imv-technologies.com/customer-service



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- Main distributors

Our global network: more than 120 distributors supporting you worldwide

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