



Connected to

.....
OVINE/CAPRINE REPRODUCTION
BIOTECHNOLOGIES

www.imv-technologies.com



For over thirty years, IMV Technologies has been designing, manufacturing and distributing innovative artificial insemination consumables and equipment to the ovine and caprine industries.

IMV offers the most advanced technologies and provides products specifically designed to improve reproductive performance, genetics and animal well-being.

Through the use of our equipment, we aim to improve semen processing and insemination, thereby boosting conception results, while having the utmost traceability and safety for the animal.

A constant pursuit for differentiation and our drive for quality has resulted in our products being used in over fifty countries and tens of millions of inseminations. This is all made possible by the trust of our customers as well as our Research and Development team, consisting of DVMs, PhDs and technical staff.

The exchange of ideas between our customers and Research and Development team provides us with a framework to improve existing products and develop those of the future.

The success of our customers depends on the best utilization of our products, services and techniques. Our global presence facilitates our ability to provide the most comprehensive support during customer operational hours, ensuring their success. Our training department is dedicated to educating our customers on a wide range of topics, ranging from basic artificial insemination techniques to advanced flow-cytometric technology.

Worldwide partnerships with research institutions and universities make it possible for us to provide you with the most current information and products to improve the transfer of gametes.



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COLLECTION



Ram vagina

007179



Smooth liner for ram vagina (x5) 001698

Cone for ram vagina 005205

Protective felt cover for ram vagina 005111

Pyrex collection tube for ovine (x4) 005349

10 ml pyrex 1/10 graduataed ovine - caprine
collection tube 005631

Pyrex 15 ml graduated collection tube (x10) 005351

Silicone plug for 15 ml collection tube (x25) 005415

15 ml conical pyrex tube for ovine semen collection 005630





EXAMINATION

FLOW CYTOMETRIC ANALYSIS

- **Benefits of flow cytometry:**
 - Highest quality ejaculate selection
 - Male management tool
 - Semen quality certification
 - Complete traceability

EasyCyte Bench-top flow cytometer for sperm analysis

- **A voyage inside the cell**
 - IMV unique ready-to-use protocols
 - Intuitive software package
 - Scientific technical support (Cytosoft)
 - Easy-to-use technology



EasyCyte II Plus with IMV Cytosoft	022841
EasyCyte II Mini with IMV Cytosoft	022843
EasySoft and EasyComDNA software	024842
Basic EasyCyte II Plus	022842
Basic EasyCyte II Mini	022844
EasySoft and EasyComDNA software	024842
EasySoft fertility software	025379

R&D installation and training (2 days) - EASYCYTE II Plus et Mini	026348
R&D technical expert support - EASYCYTE/IVOS/CEROS (per day)	026349
R&D technical support for EasyCyte (5 hours)	025093



EXAMINATION

Accessories for EasyCyte



EasyKit Ready-to-use flow cytometry assays

- Easy-to-use
- Time saving
- Repeatability results
- Safe handling

EasyKit viability and concentration (480 analysis)	024708
EasyKit mitochondrial activity (480 analysis)	024864
EasyKit molecule oxidation D (480 analysis)	025157
EasyKit viability and acrosome integrity (480 analysis)	025293
EasyKit bacterial count (240 analysis)	025402
Filter for EasyKit 6 (x100)	025563
EasyClean washing solution (x4 flasks)	024760
EasyBuffer A 100 ml flask (x4)	022162
EasyBuffer C 100 ml flask (x4)	025438



Flow Cell Capillar for EASYCYTE II PLUS	022845
Flow Cell Capillar for EASYCYTE II Mini	022846

Easy Check kit for EASYCYTE II Mini and Plus	023066
Greiner plate 96 well	021772
Microtube 500 µl	021771
Microtube 1,5 ml	021768
Multichannel pipette	021773
Tip for multichannel pipette (x960)	021774
Container for multichannel pipette (x100)	021775
Pipette P2 from 0,1 to 2 µL	021776
Tip for pipette P2 (x1000)	021777
Pipette P20 from 2 to 20 µl	005530
Tips for pipette P20 and P200 (x1000)	005208
Pipette P200 from 50 to 200 µl	005531
Tips for pipette P20 and P200 (x1000)	005208
Pipette P5000 from 1 to 5 ml	005529
Tips for pipette P5000 (x334)	005206



CASA SYSTEMS

CEROS II State-of-the-art in semen analysis

System for both dose production and quality control evaluation.

- Standardization
- Objective and reliable measurement
- Accuracy
- Repeatability
- Traceability

Key benefits

Automated morphology

Dose calculation:

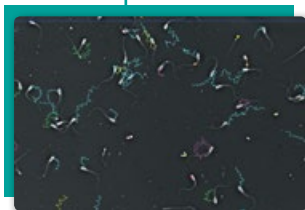
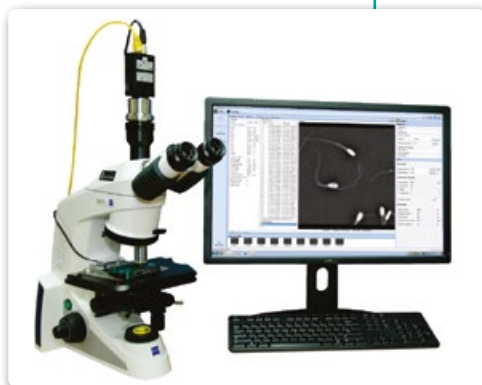
- Concentration
- Extender volume
- Number of doses

Manual heated stage

Intuitive navigation

Multiple language options

Customizable reports and ASCII data export



CEROS II semen analyzer

024905

IVOS II semen analyzer

024911

R&D installation and training (2 days)

- IVOS II and CEROS II

026346

R&D technical expert support

- EASYCYTE/IVOS/CEROS (per day)

026349

Accessories

Barcode reader for IVOS II

025097

Electronic balance for IVOS II

025021

Slide 8 chambers holder for IVOS II

025095

Leja 8 chambers slides (x 4x25)

025108

Leja 4 chambers slides (x 4x25)

025107

Pipette P20 from 2 to 20 µl

005530

Tips for pipette P20 and P200 (x1000)

005208



EXAMINATION



PRE-CALIBRATED COUNTING CHAMBERS

- **Disposable Leja counting chambers offer you the most reliable, quick, and accurate solution!**

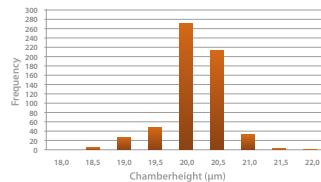
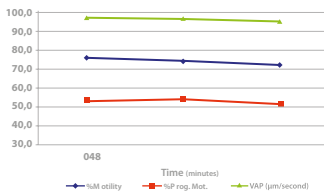
Specially designed for semen analysis
 Tested non-spermotoxic
 Time-saving
 Highest precision, repeatability and reliability
 Accurate and consistent chamber depth (20µ)
 Easy-to-use
 Available with 4 or 8 chambers



025107



025108



- **Three quality control stages per batch**

Chamber height*
 Eighteen point visual inspection
 Toxicity control

* Each batch comes with a certificate of analysis available at www.lejaslides.com

Leja 8 chambers slides (4x25) 025108
 Leja 4 chambers slides (4x25) 025107



PHOTOMETRIC ANALYSIS

ACCUREAD OVINE CAPRINE PHOTOMETER

019955

An easy-to-use, lightweight photometer for the direct assessment of sperm concentration. Through the use of an LED light source combined with fiber optics, results can be displayed as concentration or absorbance. Operates on both AC and battery. RS 232 connection.



ACCUCELL OVINE PHOTOMETER

014436

ACCUCELL CAPRINE PHOTOMETER

014437



An instrument developed for an accurate concentration measurement of ejaculates using a quadratic equation.

- 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.
- RS232 connection.

Pipette P5000 from 1 to 5 ml	005529
Tips for pipette P5000 (x334)	005206
Filters for MP5000 micropipette (x100)	020100
Pipette P200 from 50 to 200 µl	005531
Tips for pipette P20 and P200 (x1000)	005208
Adjustable micropipette MP50 from 5 to 50 µl with 1000 clear tips	005928
Clear tips for micropipette MP50 (x1000)	020101
Rack for 7 micropipettes	005555

Consumables

Disposable cuvette 10x10x45 (5x120)	005155
50 ml bottle NaCl solution 9/1000 (x10)	015988
250 ml bottle NaCl solution 9/1000 (x10)	002259

Options

Dilutor	023724
Semen sampling tubes (x1000)	006452
Printer with wire for photometers	014441
Paper roll for printer (x10)	005378



EXAMINATION

MICROSCOPES



Binocular microscope (10X - 20X - 40X)

Binocular microscope Phase contrast - ACH objectives with warming stage	023939
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Binocular microscope NIKON ACH objectives with warming stage	016744
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Options

Slide warmer for 12 tubes	023940
Slide warmer for 40 tubes	023941
Pipette P20 from 2 to 20 µl	005530
Tips for pipette P20 and P200 (x1000)	005208

Consumables

Slides 76 x 26 (x 10x50)	005795
Cover slides 18 x 18 (x1000)	006557
Cover slides 22 x 22	005760

MANUAL COUNTING (HEMACYTOMETER)

Manual counter	005671
Thoma cell, double ruled	005786
Slides 22 x 22 mm (x 2x10)	020105



MEDIA

OVIXCell / 100 ml media for ovine semen	020997
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PACKAGING

MRS1 DUAL FILLING AND SEALING MACHINE (1x1)



MRS1DUAL V2 mini or medium straw	022989
Suction pump and filter	007006
MRS pump connection tube (x2)	007825
100 mini straws carrier for MRS1 V2	022887
58 mini straws carrier for MRS1 V2	022888
Joint white rubber (x5,5 meters)	000012
Mini single disposable filling nozzle for IS4/MRS - 290 mm (x100)	025352
or reusable filling needles:	
Mini long filling nozzle (x10)	007704
Mini short suction nozzle (x10)	007706
Flexible tube for semen filling (x 20x60)	005564
Semen sampling medium tube (x1000)	006451
Semen suction cone V2 (x 4x65)	025430
Tightness plug for MRS (x5000)	010240

MANUAL FILLING AND SEALING

Suction pump and filter	007006	
MRS pump connection tube (x2)	007825	
Mini filling nozzle 20 pins	007298	
Clip 20 mini straws	007009	
Rubber for clip 20 mini straws (x10)	007875	
Bubbler holder	007116	
Mini bubbler with filling nozzle and stirrup (x25)	006936	
Blue sealing powder	bottle of 750 g	018818
Yellow sealing powder	bottle of 750 g	018815
Orange sealing powder	bottle of 750 g	018820
Red sealing powder	bottle of 750 g	018816
Green sealing powder	bottle of 750 g	018817
Purple sealing powder	bottle of 750 g	018819



PACKAGING

COLD CABINET

Tropical cold handling cabinet 026620
 Vertical cold cabinet
 for L 2.2 m x h 2.1 m 018544



STRAWS



Mini straws (packs of 2000)	COLOR	REFERENCE
	clear	006429
	bright red	006814
	pastel green	021464
	yellow	006808
	light blue	006813
	salmon	006815
	putty	006816

STRAWS IDENTIFICATION

JET DOMINO WITH DISTRIBUTOR G10 (mini) **026601**

Windows jet printer software 022390
 Computer to be supplied locally by customer with
 WINDOWS 7 or higher, 2 serial RS232 ports (9 pins)



FREEZING

DIGITCOOL

The historical process of static vapor freezing creates a freeze curve, that is difficult to control and can result in poor reproducibility.

The Digitcool's programmable freezing process allows the user to customize and control each temperature holding or lowering phase in accordance with sample requirements. With more than 600 operational units throughout the world, Digitcool is the respected standard in the sector. It offers solutions to meet your specific requirements – simplicity, repeatability, reliability, ruggedness and traceability.



AUTOMATIC FREEZING

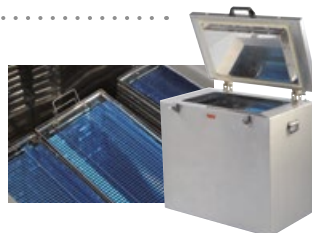
MINI DIGITCOOL for 24 racks

Freezing rack for 100 mini straws
Distribution block for 100 mini straws
Capacity: 2400 mini straws

007263

007121

007090



MICRO-DIGITCOOL for 6 racks

Freezing rack for 70 mini straws
Distribution block for 70 mini straws
Capacity: 420 mini straws

007261

007122

007088

Software WIN 3T

015397

Wire RS232 for PC connection

007186

60 liter LN2 pressurized tank + caster + gauge

020086

120 liter LN2 pressurized tank + caster + gauge

007223

Short forceps length 23 cm

005524

Long forceps length 70 cm

005523

Straw gathering forceps

024121

Cryogenic gloves (pair)

020279

Liquid nitrogen pump

005887

Safety glasses

020278

Liquid nitrogen production plant - 40 L/Day

023401

MANUAL FREEZING



MCA LN2 container and vapor freezing unit

022512

Adjustable table for MCA LN2 container

025679

Freezing rack for 175 mini straws

007120

Distribution block for 175 mini straws

007089

Contains 6 racks

Straw basket - small type

007137

Straw basket - large type

007142

Pit basket

007126

Funnel

007125

Divider for funnel

007124

Stand for 65 mm goblet

007127

Work basket 3 places for 65 mm goblets

007136



STORAGE

CONTAINERS

Container 2 liters - 3 canisters - 1 level - ø 26 mm	005215
Container 9 liters - 6 canisters - 1 level - ø 38 mm	005213
Container 35 liters - 6 canisters - 2 levels - ø 65 mm	005227
Container 38 liters - 10 canisters - 2 levels - ø 65 mm	015570
Lifter 2 levels	015078
Container 40 liters - 10 canisters - 2 levels - ø 73 mm	005228
Container Arpege 75 - 72 Liters - 21 canisters - 4 levels	024505
Container 400 liters - 163 canisters not included - 2 or 3 levels - ø 69 mm	005904



CANISTERS

2 layer plastic canister with lifter (x10)	007147
3 layer plastic canister with lifter (x10)	007148
4 layer plastic canister with lifter (x10)	007149
5 layer plastic canister with lifter (x10)	007150
6 layer plastic canister with lifter (x10)	007151

IDENTIFICATOR AND FLAG

Flag for canister lifter (x 20x10)

white	007328
red	015700
dark green	015696
turquoise	015697
grey	015706
purple	015699
yellow	015693
pink	015695
orange	015698
salmon	015694



Identifier without flag (x100)	007145
Set of two indelible black markers for straw identification (x2 sets)	014175



GOBLETS AND VISOTUBES



	Goblets		Visotubes	
	Gobelet ø 65mm (x50)	Hexagonal Visotube (x150)	Polygonal Visotube (x300)	
white	006418	006875	006401	
red	006397	006398	006622	
green	006754	006394	006623	
blue	006755	006409	006620	
purple	006757	-	-	
yellow	006756	006414	006624	
pistachio	006753	-	-	
orange	-	006405	0006619	
Perforated white cover h.70mm for goblet d.65mm x10			006321	
Goblet diameter 35 mm (x50)			006934	
Goblet diameter 42 mm (x50)			006915	
Goblet diameter 53 mm (x50)			006913	



Round Visotubes

	ø 7.1 mm (x300)	ø 9.2 mm (x300)	ø 10 mm (x300)	ø 12 mm (x300)	ø 13 mm (x300)
white	006658	006421	005561	006677	006420
red	006441	006668	006392	006408	006404
green	006659	006390	006406	006679	006413
blue	006399	006400	006422	006678	006395
purple	006661	-	-	-	-
yellow	006412	006423	006402	006695	006411
pistachio	006407	-	006672	-	-
orange	006662	006667	006673	006683	006689
pink	-	-	006403	-	-
16 mm round visotube (x300)					006912



STORAGE

IDENTIFICATION RODS



Mini identification round 137 mm (x 2x100)

white	006330
red	006777
grey	006787
yellow	006332
pink	006779
orange	006786
light blue	006782
pistachio green	006783
turquoise	023872
light purple	023871
putty	023870



AUTOMATIC STRAW COUNTING

MANUAL COUNTING MACHINE



MANUAL COUNTING & PACKAGING MACHINE FOR 13 MM GOBLET

Counting slide for 25 mini straws
Kit MCM for 10 mm visotubes

007095
007826
010996

MANUAL COUNTING & PACKAGING MACHINE FOR 10 MM GOBLET

Counting slide 10 mini straws for MCM
Kit MCM for 13 mm visotubes

007098
010998
010972



FRESH SEMEN PRESERVATION AND TRANSPORT

Acetic acid 40 ml in vial
White thermos flask

005894
017282



THAWING



**Straw thawer 12 - 110 - 220 V
with thermometer and basket**

026897

Stainless steel scissors 13 cm sharp ends
Straw cutter

005926
005233



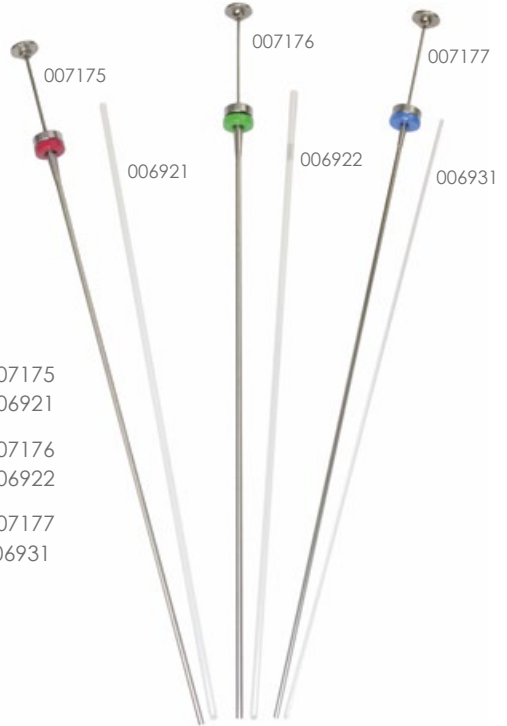
INSEMINATION

FRESH SEMEN CERVICAL INSEMINATION



Ovine caprine

medium syringe	007175
medium sheath (x 10x40)	006921
mini syringe	007176
mini sheath (x 10x40)	006922
miniaturized syringe	007177
miniaturized sheath (x 10x40)	006931



Rilsan speculum without lighting 007180

Lumistyl lighting for Rilsan speculum	007187
B-LUBE gel 500 ml flask (x8)	023917
2.7 V speculum stem-lamp	016320
3 V battery box for 2.7 V speculum stem-lamp	018337
2.7 V bulb for speculum stem-lamp	016321



FROZEN SEMEN LAPAROSCOPIC INSEMINATION



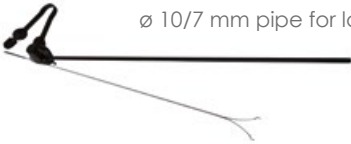
**Ovine caprine
intra-uterine operation table**

007194

- Laparoscopy lighting device 150 watts 005609
- Glass fiber cable 005169
- Lamp 005152
- Optic 0° - direct vision
for ovine caprine laparoscopy 005518
- ø 7 mm trocar with plunger 005624
- Joint for ø 7 mm trocar 005150
- Spring for ø 7 mm trocar 005588
- Pump for laparoscopy 005305
- Footswitch for laparoscopy pump 007796



- Filter for laparoscopy 004962
- ø 8/5 mm pipe for laparoscopy (x 3x2.5 m) 005668
- Roll of 25 meters
- ø 10/7 mm pipe for laparoscopy (x 5x1 m) 005416



**Uterus grasping forceps
for laparoscopy**

015025

- ø 6,5 mm trocar with plunger 007840
- Joint for ø 6,5 mm trocar 007899



Ovine plastic transcapsule with guides

007188

- ø 5 mm trocar 007189
- Joint for ø 5 mm trocar 007795

- Aspic for ovine mini straw (x25) 005546**
- Aspic for ovine pellet (x25) 007275**





LABORATORY EQUIPMENT

WATERBATHS

30 l water bath with stand for baby flasks and tubes	007227
Support for 16 baby flasks	008325
14 liter water bath stainless steel with cover	005730
7 liter water bath stainless steel with cover	005731
Pyrex baby flasks 220 ml with caps (x24)	020177



STERILIZERS AND INCUBATORS

53 l stainless steel incubator 30-70°C	024930
53 l stainless steel sterilizer 220°C	024931



EMBRYOS

MEDIA



EUROFLUSH ET medium 1 litre (x4)	019450
EmXcell medium 1 litre (x10)	022008
Embryo holding medium 20 ml (x4)	019449
Embryo freezing medium with ethylene glycol 20 ml (x4)	019447



EQUIPMENT

Binocular lens
023863



Laminar Flow Cabinet
023432



BT37 incubator
026412



6 bottles & 6 filters
for BT37 incubator 026688

Accessories

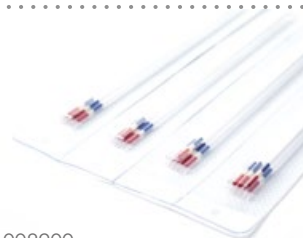
Irradiated plates 4 wells (x 10)	020108
Irradiated plates 6 wells (x 10)	020107
Irradiated plates 12 wells (x 5)	020103
Bag of 10 plates irradiated PETRI 100x100 mm (2x10)	024605
Bag of 20 plates irradiated PETRI ø 35x10 mm (2x20)	022376
Micropipetter	014498
ET irradiated micropipette (10x13)	006324

PACKAGING

Sterile straws

Flexible ET Mini 133 mm straws (8x5)	006430
Cristal ET Mini 133 mm straws (4x5)	005592
Yellow sterile ET plugging rod 13 mm (8x5)	007342
Yellow non sterile ET plugging rod 13 mm (2x100)	007352

Stainless steel plugging guide for 91 and 133 mm straws 008200



FREEZING



Crysalys freezer 023876



PROTECTION

Sensitive red glove 92 cm (x10 boxes of 150)	024372
Polyethylene overboot with elastic (x 20x50)	024242
Green delivery gown 30 µ L 1,55 m box of 25	024263
Blue overall with hood 50 g S5/XXL heart pocket /50	024268
Clear delivery gown 30µ l 1,40 m box of 25	025588
Clear delivery gown 30µ l 1,55 m box of 25	025586

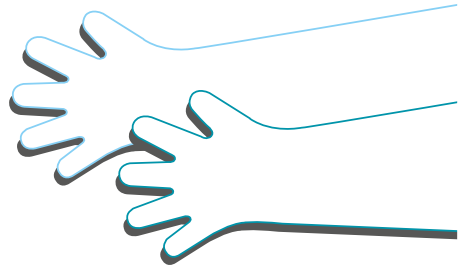
*For complete range of full length, examination and surgery gloves
Ask for our Polysem Catalogue*



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and surgery gloves**

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WORKSHOP

R&D on site complete sheep, Goat reproduction workshop	024107
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NOTES





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