



GENERAL  
CATALOGUE

V.06.21

# MAGAPOR



*Just for pigs*

More than 30 years providing practical and innovative solutions for swine artificial insemination

Our entrepreneurial and innovative spirit drives the R&D department. We have a multidisciplinary team of biochemists, veterinarians, engineers and computer scientists working to improve our products and designing and developing new solutions for our sector.

Our hallmark is founded on three key attributes and aspects of the company's philosophy:

- Specialists in swine reproduction
- Unique products
- Technical service with a clear aim of improving customer productivity



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## **Magapor**

**Specialists in swine reproduction**

Magapor's exclusive dedication to swine farming allows us to be specialists in our work.

## **R&D**

**Unique and exclusive products and services**

R&D is one of the fundamental pillars of Magapor, which has allowed us to introduce practical solutions to the market.

## **Dedication**

**Technical Service for our customers**

Constant customer support and our commitment to transfer knowledge to the sector are a part of who we are.

## **Technology**

**Smart equipment with traceability**

Our engineers and programmers develop all the equipment under the premises of simplicity and traceability in their use.

## **Trust**

**Our strict quality controls**

We analyse the quality of our products in the manufacture of extenders, RTC (reproductive toxic controls) controls in plastic blisters or biological contact controls.

## **Security**

**We work using biosecurity protocols**

All our production processes are performed under biosecurity protocols, such as repairs, which are carried out in facilities other than the main plant.

# GESIPOR 360

*The best software for the comprehensive management of the production of semen doses*

“TOTAL TRACEABILITY IN  
THE PRODUCTION OF  
SEMEN DOSES



BOARS



ANALYSIS



DILUTION



PACKAGING



TRACING



PLANNING



GENETICS



OPERATORS

## + ANALYTICS MODULE



PERSONALISED REPORTS  
CENTRE REPORTS  
PRODUCTIVITY  
EXTRACTION MONITORING



## + ORDERS MODULE



ORDERS  
DELIVERY NOTES  
STOCKS  
TRANSPORTATION DATA



## + TRACKING MODULE



HEALTH PLAN  
TRACEABILITY  
VISITS  
WAREHOUSE



› Perfectly adaptable to user needs, it offers **full control over all Boar Stud production parameters.**

- Forecasts and schedules extractions.
- Standardises and records production processes (analysis, dilution and packaging).
- Manage orders and delivery notes.
- Allows full traceability of dose production.
- Monitors and controls the Boar Stud health plan.
- Provides all data through customised reports.

### Characteristics:

- Multi-user and multi-centre.
- Connectivity with equipment (see Magapor Integrated System functionalities).
- Online and offline mode.

### Advantages:

- Avoids human error.
- User-friendly.
- On-going development by our IT and R&D departments.

 **PRACTICAL INNOVATION**

“EASY TO USE,  
HELPS YOU  
FULLY MANAGE  
PRODUCTION  
AND CHECK DATA  
AT ANY TIME  
WHEREVER YOU  
ARE

## MAGAPOR INTEGRATED SYSTEM

*Total automation: Planning + Collection + Analysis + Dilution + Packaging*



Gesipor enables integration and automation of all processes involved in the production of semen doses, with accurate traceability from collection to the farm, using the Magapor Integrated System work concept.

The information flow is preserved and managed through the Gesipor software, for total control and analysis of the results.

**MAXIMIZES THE RESULTS OF THE BOAR STUD**



**ZEBRA PRINTER**  
Thermal printer to link with Gesipor.



**PRE-CUT LABELS**

1000 units  
10 x box



**BARCODE READER**  
Automatic data entry in Gesipor.



# ERGOS

*Collection dummy*

COMFORT, RESISTANCE  
AND HYGIENE DURING  
COLLECTION



CE

50 Kg  
95 x 65 x 45 cm

53 Kg  
100 x 34 x 60 cm

- **Versatile:** for both manual collection and automatic collection with Autocollect.
- **Ergonomic:** comfortable and safe for the boar, anchored to the ground for more secure support.
- **Resistant, quick and easy to clean:** built from stainless steel.
- **Suitable for any boar:** adjustable height with optional extenders.



## ERGOS GUARD

Stainless steel guard to protect the Autocollect from possible impacts.



## ERGOS EXTENSION

Extender for larger boars. Built from stainless steel.

# AUTOCOLLECT

*System for the automated collection of ejaculate*



**INCREASES DOSE  
PRODUCTION PER BOAR  
BY UP TO 40%**

It consists of a mobile guide, which can be installed inside the Ergos dummy, and mobile elements to attach the Autocollect Cervix and thermos

- It has a fixed or free movement position for the animal.
- The boar gets off after ejaculating.
- Its position protects the collection thermos from any blows by the boar.



## > Advantages of the Ergos dummy + Autocollect

- Increases dose production per boar by up to 40%.
- Allows the operator to collect from two boars at the same time.
- Reduces the variability of results between operators, standardising the collection process.
- Suitable for all breeds and facilities.
- Facilitates and optimises the operator's work.
- Hygienic: reduces the risk of bacterial contamination of the ejaculate.



300 units/box  
1 Kg  
35 x 23 x 25 cm

## AUTOCOLLECT CERVIX

*Comfort and hygiene*

- Disposable, which protects and prevents any injury to the boar's penis, allowing a perfect fit and improving stimulation.
- Prevents possible contamination by improving hygiene during collection.



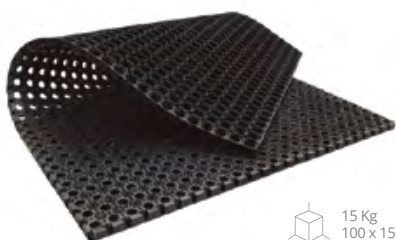
› **ERGOS MOBILITY**  
*Mobile dummy*

- Easy portability.
- Comfortable for the boar.
- Strong, built from stainless steel.
- Hygienic, easy to clean.



19 Kg  
80 x 40 x 55 cm

21 Kg  
95 x 50 x 60 cm



15 Kg  
100 x 150 x 2 cm

**NON-SLIP MAT**



**COLLECTION THERMOS**



**GLASSES**

20 packs  
50 units/pack 400 ml



**FILTERS**

200 units/box Ø240 mm





**GSP READER**

Instantly identifies the operator and the boar.



**GSP PRINTER**

Bluetooth thermal printer.  
**LABELS**



18 x box



**GSP KEYRING**

For operator identification.

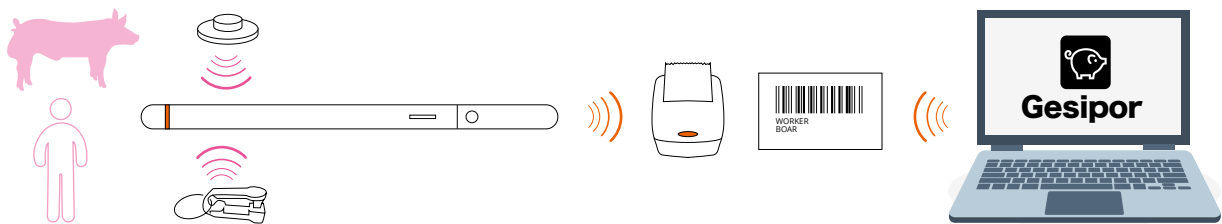


**GSP EARTAGS**

For boar identification.



10 units



# MAGAVISION

*CASA system that quickly and accurately evaluates semen quality*

 **FAST**  
**SIMPLE AND**  
**PRECISE**



CE

 **MAGAPOR**  
**INTEGRATED**  
**SYSTEM**

 16,5 Kg  
52 x 52 x 52 cm

› CASA system for the evaluation of semen quality, specifically for boar semen, which enables an objective and standardised analysis of the main semen quality parameters:

- **Motility (masal or individual, depending on the version)**
- **Concentration**
- **Abnormal forms**

Full and simple analysis of ejaculate:

- Objective and exact.
- Quick analysis; less than 2 minutes.
- Provides the number of doses.
- Performs a parametrised analysis of the movement intensity.
- All the data can be archived in the Gesipor database.



**COUNTING CHAMBER**  
5 analyses per chamber.

 25 units



**MICROPIPETTE**  
0,5µL to 10µL

## MAGASLIDE

*Hot plate*



- Equipped with a PID regulator that provides very precise temperature control and more gradual heating, while reducing oscillations.
- Regulator precision 0.1°C.
- Built from stainless steel.
- Equal distribution of temperature over the plate's entire surface.

 5,3 Kg  
 50 x 40 x 15 cm
  4,5 Kg  
 31 x 26 x 6,5 cm
 

## MAGACELL

*Colorimeter*



**Calculation of the number of semen doses.**

- Instant absorbance readings or direct dose data.
- LCD high contrast digital reader.
- Speed and precision when calculating the number of doses.

 3 Kg  
 29 x 31 x 19 cm

### CUVETTES

Standard square section cuvette.  
Colourless and transparent  
under ultraviolet light.

 100 units/box



## MICROSCOPES

Ergonomic, highly robust and stable, with coaxial controls on both sides for macro and micrometric focusing.



**MASTER 3 Binocular Microscope**  
Objectives: 4X - 10X - 40X - 100X

 9 Kg  
35 x 38 x 50 cm



**MASTER 5 Trinocular Microscope**  
Offers the possibility to incorporate phase contrast.  
Objectives: 4X - 10X - 20X - 40X - 100X

 13 Kg  
60 x 47 x 38 cm



IMMERSION OIL

 30 ml



EOSIN-NIGROSIN

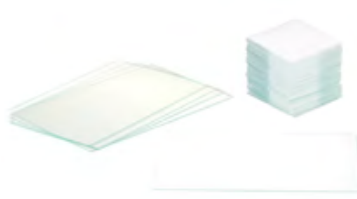
 25 ml



BÜRKER CHAMBER



PIPETTES



SLIDES AND COVERS



MICROPIPETTES AND TIPS

# HIGH PERFORMANCE EXTENDERS

*Spermax, Duragen and Vitasem*

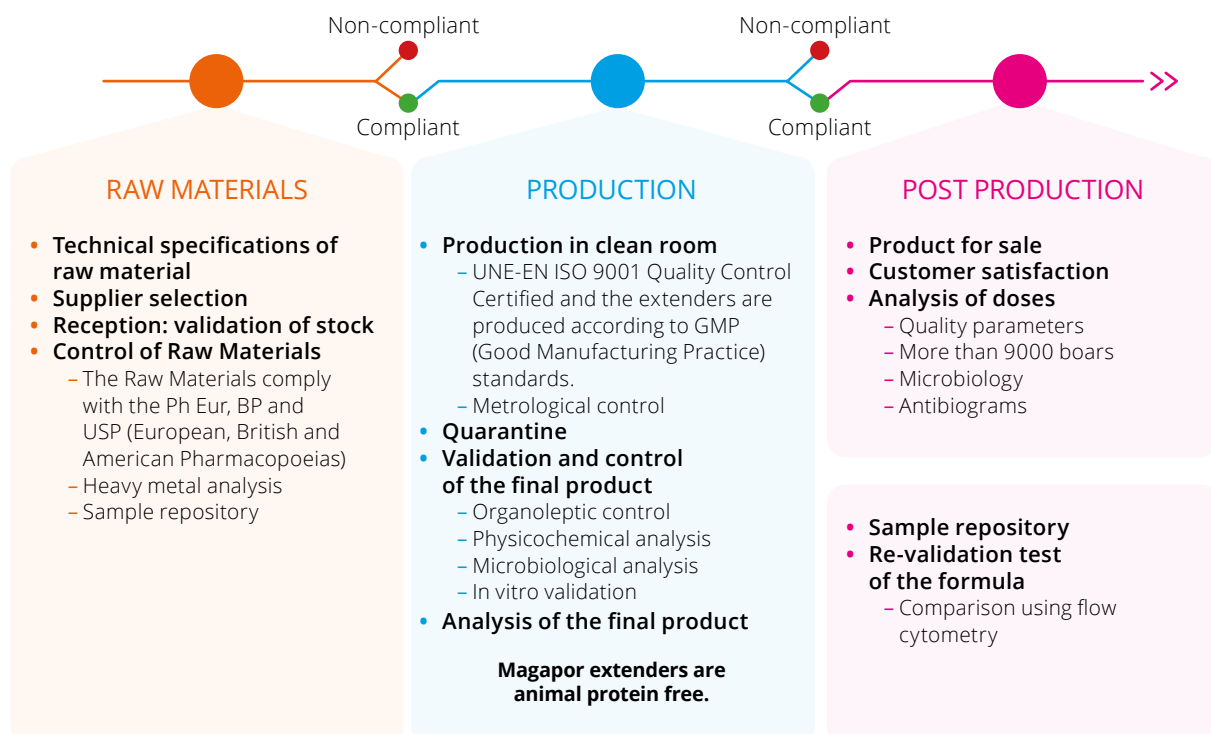


- › The high performance of Spermax, Duragen or Vitasem, offers maximum protection, **maximises the fertilising capacity** of the semen doses and decisively contributes to the production results of pig farms.

THE BEST  
PROLIFICITY AND  
FERTILITY RESULTS

*Demanding and differentiating quality controls*

Magapor implements the most rigorous quality controls for its high performance extenders.






**MAXIMUM**  
 PERFORMANCE TO OBTAIN  
 THE BEST RESULTS



## SPERMAX

Spermax is the latest extender developed by Magapor.

Its innovative formula contains anti-oxidants, membrane protectors and latest generation energy precursors.

- Maintains mitochondrial activity under optimal conditions for interaction of the sperm with the female's reproductive tract.
- Protects sperm during storage and transport, guaranteeing maximum vitality at fertilisation.
- Provides maximum energy for sperm and long-term protection for semen doses.
- Improved antibacterial action.

Spermax is synonymous with peace of mind during storage and transport over short and long distances, guaranteeing the best result.



## DURAGEN

Duragen offers significant dose protection for the best results.

Its formula is a balanced combination of anti-oxidants and membrane protectors that:

- Offers additional protection against lipo-peroxidation of the sperm membranes.
- Avoids premature sperm capacitation in the most demanding situations.
- Has a broader antibacterial action, ensuring greater protection.

Duragen protects against the thermal stress that sperm can undergo. It is an ideal extender to produce doses by dilution in two steps.



## VITASEM

VitaseM was our first high performance extender.

It represents a quantitative and qualitative leap compared to short and medium-term extenders. VitaseM's success is based on its formula, which:

- Protects sperm from changes in the environment.
- Includes anti-oxidants and membrane protectors.
- Has an antibiotic combination that ensures preservation of the doses.

VitaseM ensures correct preservation of the semen doses.



	CASE	BOX
1 litre	25 sachets	12 cases
5 litres	20 sachets	4 cases
100 litres	-----	3 sacks

	CASE	BOX
1 litre	11 x 28 x 12 cm - 1,2 Kg	30 x 46 x 38 cm - 16 Kg
5 litres	20 x 30 x 16 cm - 4,6 Kg	30 x 40 x 35 cm - 19 Kg
100 litres	-----	19 x 37 x 21 cm - 13,5 Kg



**HIGH PERFORMANCE  
EXTENDERS**

**OPTIMAL pH**  
6,9 - 7,5

**STABILISATION TIME**  
15 - 20 min

**OPTIMAL OSMOLALITY**  
290 - 320 (mOsm/Kg)

**CONDUCTIVITY**  
8,50 - 11

**° BRIX**  
3,8 - 4,5

# OPTIM-IA & BIOPIG

*Magapor extenders for  
semen preservation*



## **OPTIM-IA.**

Biological solution with exclusive Magapor formula for preservation of semen. Its formulation boosts antibacterial and buffering capacity and consequently increases safety levels in the semen doses produced.

Manufactured under Magapor quality standards.

## OPTIM-IA



## **BIO PIG**

Enhanced BTS extender with broad-spectrum antibiotic protection.

Manufactured under Magapor quality standards.

## BIO PIG

**OPTIM-IA.  
BIO PIG**

### OPTIMAL pH

6,9 - 7,5

### STABILISATION TIME

15 - 20 min

### OPTIMAL OSMOLALITY

325 - 350 (mOsm/Kg)

### CONDUCTIVITY

5,50 - 8

### ° BRIX

4,2 - 4,9



AVAILABLE  
FORMATS

	CASE	BOX
1 litre	25 sachets	12 cases
5 litres	20 sachets	4 cases
100 litres	-----	3 sacks



PACKAGING  
DIMENSIONS

	CASE	BOX
1 litre	11 x 28 x 12 cm - 1,4 Kg	30 x 46 x 38 cm - 17 Kg
5 litres	20 x 30 x 16 cm - 5 Kg	30 x 40 x 35 cm - 21 Kg
100 litres	-----	19 x 37 x 21 cm - 15 Kg



# DICOL

*Extender for semen collection*



Dicol is a **unique extender on the market** formulated by Magapor to resolve contamination problems.

It is used as a collection extender during the collection phase, which guarantees rapid sanitisation of the ejaculate and controls bacterial contamination, before final dilution with the usual Magapor extenders.

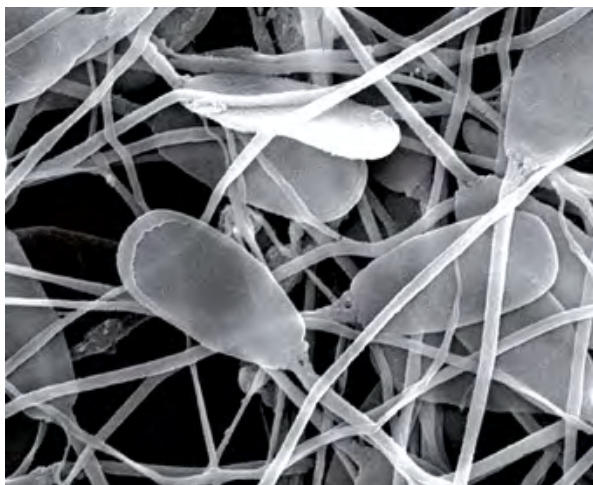
Case: 10 x 28 x 12 cm 1,4 Kg  
Box: 30 x 46 x 38 cm 17 Kg

Format for 1 litre  
25 envelopes x 12 cases

**PRACTICAL INNOVATION**

BOAR STUDS WITH CONTAMINATION ISSUES  
HAVE BEEN ABLE TO CONTINUE WORKING WITH  
GOOD PRODUCTIVE RESULTS ON THE FARM  
THANKS TO THE USE OF DICOL

OPTIMAL pH	STABILISATION TIME	
6,9 - 7,5	15 - 20 min	
OPTIMAL OSMOLALITY	CONDUCTIVITY	° BRIX
290 - 320 (mOsm/Kg)	8,5 - 11	3,8 - 4,5



Dicol-treated ejaculate



Contaminated ejaculate

## EXTENDERBOX

*Equipment for the preparation of reconstituted extender*

PROVIDES THE REQUIRED AMOUNT OF EXTENDER AT THE DESIRED TEMPERATURE, RECONSTITUTED PRECISELY AND WITH NO WAITING TIME

**PRACTICAL INNOVATION**



CE

MAGAPOR INTEGRATED SYSTEM

100 Kg  
70 x 65 x 55 cm

120 Kg  
80 x 60 x 90 cm

### Performance and productivity:

- Heats only the water necessary.
- Constant flow of water and extender.
- Extender with a flow of 90 L/h.

### Precision:

- Exact dosage (+/- 1gr).

### Safety and hygiene:

- Its closed circuit prevents the risk of water contamination.

### TECHNICAL CHARACTERISTICS



230 V - 50-60 Hz - 2500w  
Maximum flow 2 L/min  
Maximum scale capacity 12 Kg  
Resolution +/- 1gr



# NEXTEN 300

*Osmosis, dilution and dispensing equipment for reconstituted extender*

THE WHOLE  
DILUTION PROCESS  
IN A SINGLE DEVICE

PRACTICAL  
INNOVATION



- > It completely manages the reconstituted extender manufacturing process from osmosis of the water to precise dispensing of the extender, controlling its conductivity and temperature.

#### Hygiene:

- Automatic cleaning of equipment.

#### Speed:

- Prepares 60 litres of dilution every 10 minutes.

#### Connectivity:

- Can be connected to the control PC for remote or in-situ operation.

Nexten 300 comes equipped with:

- Reverse osmosis equipment.
- Water tank (300 litres).
- Continuous flow heater.
- Dilution tank (60 litres).
- Probes (conductivity and water temperature).
- 3 Ultraviolet lamps.





## E-DISPENSER

*Maximum precision dosing equipment*



- › Dispenses the required volume at high speed and very precisely thanks to the built-in high flow peristaltic pump and precision scales.

### Connectivity.

Allows job data entry via:

- Touch screen.
- PC connected via Ethernet. Transmission of work orders via Gesipor 3.0.
- Bar code reading.



MAGAPOR  
INTEGRATED  
SYSTEM

37 Kg  
52 x 72 x 50 cm

55 Kg  
60 x 80 x 75 cm

### TECHNICAL CHARACTERISTICS



50/60 Hz | 450W | 110/230 V

Nominal/max flow 10-15  
L/min (distilled water)

Maximum scales capacity  
and resolution 12 kg +/- 1gr

## EASYDIL

*Tank for preparing reconstituted extender*



- › Device designed for warming and mixing up to 100 L of extender.

- Made entirely from stainless steel.
- Features magnetic stirrer.
- PID type temperature controller for precise regulation with an error margin of less than 0.1°C.
- Orifices in the cover for filling and emptying the fluid.
- Low electricity consumption.



50 Kg  
Ø 58 x h 70 cm

60 Kg  
60 x 80 x 93 cm

### TECHNICAL CHARACTERISTICS



230 V | 50/60 Hz

Nominal power 750W

Precision +/- 0,1°C

Stirrer speed 0-400 rpm

Warm-up time: 100 L 3-4 hours

### OSMO6

*Reverse osmosis equipment*

Device that produces type II (ASTM) distilled water using drinking water from the public supply.

- Equipped with a reverse osmosis pump (from 240 L/day).
- Easily assembled housing for access to filters and their easy replacement.
- Instantaneous reading of conductivity at 3 points.
- Connection via RS232 serial port.
- Stainless steel tank with level sensor and ultraviolet lamp, from 100 litres (optional)



OSMO6 uses a series of filters and elements that must be replaced regularly to obtain the highest quality of produced water:

- Granular activated carbon pretreatment cartridges.
- Resin cartridges.
- Amicrobic cartridge.
- Reverse osmosis membrane

The resistivity of the purified water produced is  $\geq 5 \text{ M}\Omega \cdot \text{cm}$  at 25°C.

The water produced meets or exceeds ASTM, CAP, CLSI and ISO 3696/BS 3997 quality standards.



### BM 20

Water bath

- Built entirely from stainless steel.
- Capacity 20 litres.
- Digital temperature control, with a high precision regulator, accurate to 0.1°C.
- Temperature range, 30–40°C.



12 Kg  
55 x 38 x 22 cm



13 Kg  
60 x 40 x 28 cm



### DISTILLED WATER

Type 2 distilled water.



5L  
4 x box



### SEMEN DYES

For marking doses.



20 ml



### JARS AND FLASK BAGS

For 3 and 5 L.



### SAVOGERM

pH neutral soap.



5L  
4 x box



### GLOVES

Disposable vinyl or latex gloves.



### 100L BAG

100 litre disposable plastic bag.

# BAGMATIC

*Automatic packaging and labelling of semen doses, 950 units/hour*

 **FASTER**  
**MORE VERSATILE**  
**MORE INTUITIVE**



› **Quick and precise packaging:**

- Packs 950 units/hour.
- High dosing precision +/- 1 g.

**Software and connectivity:**

- Auto-check function for rapid incident diagnosis.
- Can operate independently from a PC.

**Easy to clean:**

- Built from stainless steel and anodized aluminium.
- Labeller housed inside the device, accessible through a removable tray, which prevents splashing.

**Easy use and maintenance:**

- Low maintenance mechanics.
- Equipped with a bag presence detector.
- Uses the first and last bag on the roll.

» Can operate with **Hygitube** disposable filling tube.

Operates with both **Semenbag** (up to 90 mL) and **Smallbag** (up to 45 mL)

**Optional:**

**AUXILIARY CLAMP**  
**WEIGHING SCALES**



 85 Kg  
135 x 75 x 50 cm

 97 Kg  
60 x 80 x 93 cm

## TECHNICAL CHARACTERISTICS



110/230 V - 50/60 Hz - 200 W  
Working pressure 6-8 bar



## SIMPLYMATIC


*Automatic packaging of semen doses,  
900 units/hour*

 SIMPLE AND INTUITIVE  
SOLUTION FOR AUTOMATING  
PACKAGING PROCESSES

 PRACTICAL  
INNOVATION



CE

 50 Kg  
120 x 65 x 35 cm

 64 Kg  
60 x 80 x 93 cm

> Quick, simple and resistant:

- Robust construction in aluminium and stainless steel profiles that facilitate cleaning operations.
- Touch screen for interactive control and information on the status of the device.

### TECHNICAL CHARACTERISTICS



110/230 V - 50/60 Hz - 180 W  
Working pressure 6-8 bar  
1250 bag roll

## SIMPLYBAG

*Simple packaging of semen doses*



- Sealed using manual clamp.
- Manual support for 6 blisters and blister roll.
- Aluminium structure.

CE

 5 Kg  
95 x 20 x 32 cm

 6 Kg  
50 x 40 x 16 cm




## HYGITUBE

*Disposable filling tube for Bagmatic and Simplybag*

Designed to ensure the pumping of diluted semen in optimal sanitary conditions and avoid contamination issues.

- Eliminates the risk of cross contamination.
- Recommended maximum use: 1500 doses.

 PRACTICAL  
INNOVATION

 5 units / 0,6 Kg  
28 x 26 x 7 cm  
100 units / 14 Kg  
60 x 40 x 55 cm



# SEMENBAG & SMALLBAG

*Semen dose packaging bags with reprotoxicity control (RTC)*

THE BLISTER WITH RTC



Produced under the strictest of quality controls, Semenbag and Smallbag preserve their contents under the best conditions.

Packaging and formats developed for your comfort at the Boar Stud

- Automatic Semenbags and Smallbags come in rolls of 1250

units, saving you time when changing rolls.

- Exterior packaging designed to save space and be more practical when replacing the roll.



SEMENBAG AUTOMATIC

1 roll x 1250 units  6,5 Kg  
43 x 43 x 30 cm



SMALLBAG AUTOMATIC

1 roll x 1250 units  6,5 Kg  
43 x 43 x 30 cm



SEMENBAG MANUAL  
Precut

3 rolls x 500 units  9,3 Kg  
60 x 40 x 28 cm

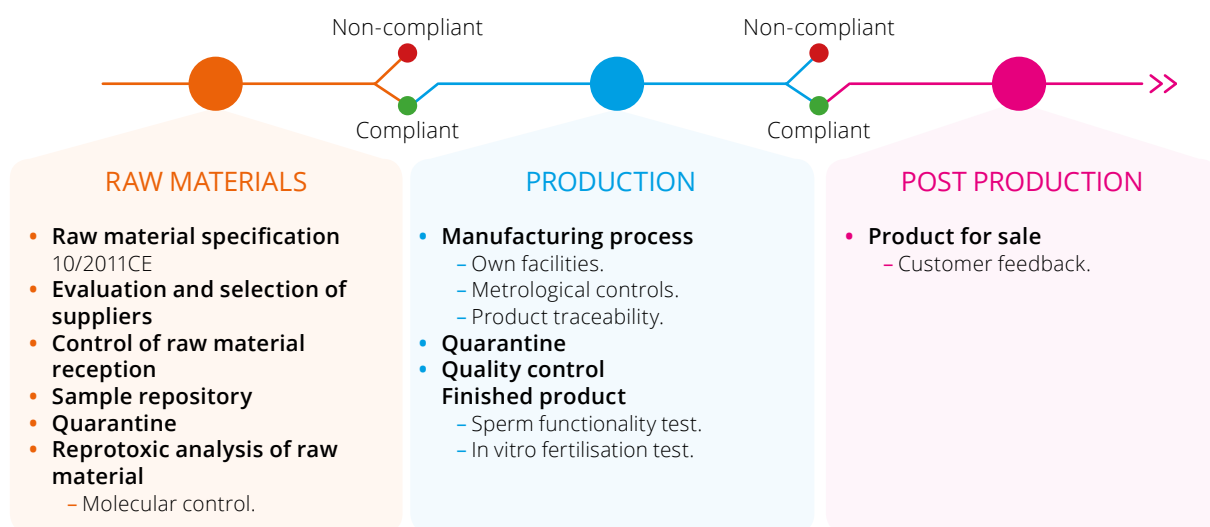
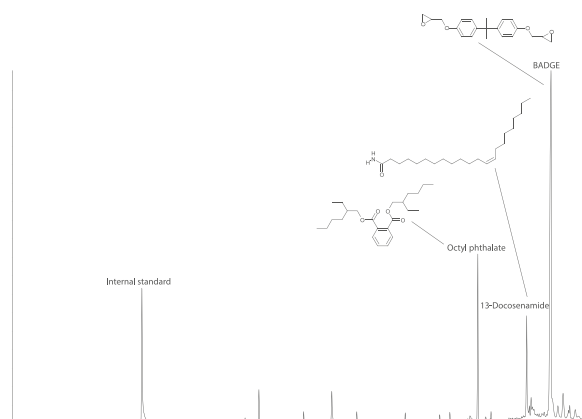
# RTC

*Reproductive Toxicity Control*



RTC is a set of quality control tools that Magapor carries out at a chemical and biological level, in partnership with the University of Zaragoza, on its packaging to offer a "safe for reproduction" product.

**This strict process guarantees a product controlled for the presence of Phthalates, Bisphenol A, Badge, Cyclic lactone and PVC that could develop reprotoxic effects by means of migration to the semen doses.**



## SEMEN COOLERS

Equipment for preservation of semen doses, avoiding thermal shock and keeping doses in optimal condition.

- Temperature regulation with a neutral zone that reduces energy consumption and extends the compressor's life.
- Air recirculation for a perfectly balanced temperature.
- Thermostat with alarm.
- Temperature resolution 0.1°C.
- Interior temperature range 15-40°C.



### Z-100

- Nominal volume: 130 Litres.
- Optimal Semenbag doses: 280
- Nominal power: 65 W

CE  29 Kg 55 x 60 x 84 cm  31 Kg 57 x 60 x 88 cm

### Z-300

- Nominal volume: 256 Litres.
- Optimal Semenbag doses: 520
- Nominal power: 225 W

CE  48 Kg 56 x 62 x 125 cm  51 Kg 60 x 68 x 140 cm

### Z-450

- Nominal volume: 344 Litres.
- Optimal Semenbag doses: 680
- Nominal power: 270 W

CE  70 Kg 60 x 74 x 185 cm  72 Kg 72 x 76 x 190 cm

## COOL BOX

### NT-30 and NT-15

- Peltier cell thermoelectric heating and cooling.
- Digital regulator with resolution 0.1°C
- Built-in neutral zone that reduces the power consumption of the box and extends its useful life.
- A+ rating that reduces energy consumption by 25%.
- Nominal power: 75 / 65-80 W.
- Voltage: 220 VAC/12-24 DC.
- Frequency: 50/60 Hz.
- Consumption: 4 A.
- Nominal volume: NT-30 34 L - NT-15: 14L.
- Optimal Semenbag doses: NT-30 120 - NT-15: 60.



CE

10 Kg  
54 x 36 x 46 cm

11,2 Kg  
58 x 40 x 49 cm

CE

7 Kg  
44 x 33 x 29 cm

7,4 Kg  
48 x 32 x 36 cm

### NT-110

- Heating and cooling by gas compression circuit.
- Digital regulator with resolution 0.1°C
- Built-in neutral zone that reduces the power consumption of the box and extends its useful life.
- CFC-free cooling element.
- A+ rating that reduces energy consumption by 25%.
- Nominal power: 220/75 W.
- Voltage: 100-240 VAC/12-24 DC.
- Frequency: 50/60 Hz.
- Consumption: 10 A.
- Nominal volume: 95 Litres.
- Optimal Semenbag doses: 435.



CE

33 Kg  
96 x 53 x 47 cm

38 Kg  
100 x 58 x 53 cm



#### DATALOGGER USB

Temperature reading and storage.


#### DATAPAD

For direct reading and configuration.



## FOAM CATHETER

*With/without adapter*

 With adapter: 800 units/box  
 Without adapter: 1000 units/box  
 11 Kg  
 40 x 60 x 46 cm



## GILT FOAM CATHETER

 500 units/box  
 7 Kg  
 40 x 60 x 26 cm



## YELLOW SPIRAL CATHETER

 1000 units/box  
 18 Kg  
 40 x 60 x 45 cm



## ORANGE SPIRAL CATHETER

 1000 units/box  
 20 Kg  
 40 x 60 x 45 cm



## iGREEN® ecocatheter

## iGREEN CATHETER

*Ecocatheter*

The first catheter with biodegradable tube for swine artificial insemination

 **PRACTICAL INNOVATION**

 500 units/box  
 6 Kg  
 40 x 80 x 35 cm



## CATHETERS FOR POSTCERVICAL INSEMINATION

*More than 20 years working in postcervical artificial insemination*



### MAGAXS

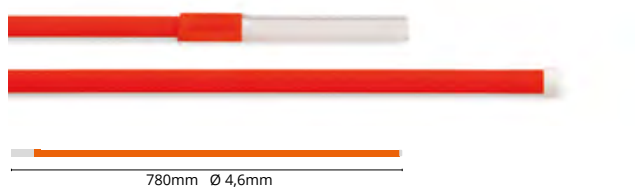


#### MAGAPLUS S

- Design and flexibility for easy insemination and harmless to the sow.



### MAGAX



#### MAGAPLUS

- Use of a guiding catheter is not necessary.



### MAGAXN

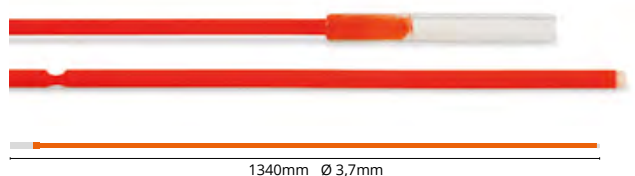


#### MAGAPLUS N

- Specific length and diameter for nulliparous sows.



### MAGAXDD



#### MAGAPLUS DD

- Double deposition probe for deep intra-uterine insemination.



## MAGASCAN

*Wi-Fi ultrasound machine*

- Depth: 100-180mm adjustable
- Transmission to mobile device (tablet or smartphone)
- Measurements of distance, area and obstetrics.
- Waterproof probe and tablet.
- High quality image.
- Includes 8" tablet and protective casing.
- With carry case.



2,7 Kg  
45 x 40 x 12 cm

3 Kg  
50 x 40 x 15 cm



## RACCORD CATHETER

*For auto-insemination*

- Length: 490 mm

1000 units/box



## AI GEL

*Insemination lubricating gel*

5 litres  
4 units/box



## HIGIPAL

*Hygiene wipes*

150 wipes/pack  
24 packs/box

1000  
wipes/tub



## ULTRASOUND GEL

*With dispenser*

5 litres  
4 units/box



# ESPERMAPLUS

*Exclusive nutritional supplement  
for boars*



› Specially designed to ensure an optimal supply of essential micronutrients, vitamins and amino acids necessary to maximise sperm production in boars.

“ BOARS ALWAYS  
IN OPTIMAL  
CONDITIONS

 3 kg  
25 kg



# MAGAPOR APP

*The knowledge base is updated in real time for swine breeding professionals*



## Parameters

You can compare the main semen quality parameters of your boar stud with a database of more than 9000 boars, updated in real time

## Surveys

Consult and comment on different swine reproduction issues, compared with answers from previous periods to see changes in trends and the different ways of working around the world

## Publications

Access a library of technical publications on the most relevant topics influencing swine reproduction, constantly updated

## and much more...

Instant access to your extender batch validation reports, news, photos ... and all this in 18 languages!



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