A.I. equipment for cattle

Semen collection

Artificial vagina
Complete with rubber liner, collecting cone and collecting tube. The vagina can be inflated with air or water.

Artificial vagina for:
Bull Ø 57 mm, L. 330 mm .......................... 340284 Unit
Ram and goat Ø 41 mm, L. 150 mm. ........... 340650 Unit

Spare parts and accessories for artificial vagina:
Spare rubber liner for artificial vagina for:
Bull .......................................................... 340330 Unit
Ram and goat ............................................ 340331 Unit
Spare cone .................................................. 340600 Unit
Valve for artificial vagina ............................. 340283 Unit
Collecting tube .......................................... 340350 Unit
Vaseline, tube 250 ml .................................. 340640 Unit
Vaseline stick ............................................. 340630 Unit
Cleaning brush ........................................... 340282 Unit

KAMAR heat detector
Improves calving intervals. Helps identify standing heats. Catches cows at night when majority of standing heats occur. Lowers per head insemination expenses. Provides for more profitable A.I. Package of 25/pk.......................... 340645 Unit

Semen control and preparation

Photometer, Corning 254
With digital display. The photometer is used to measure the semen density. Supplied with filter 254/540 green ............................... 290250 Unit
Spare filter 254/540 green .......................... 290251 Unit

Accessories:
Plastic cuvettes
4 ml, disposable, for photometer, 100/pk ........................................ 340251 Unit
Finnpipette
Digital display, volume 200-1000 ml, dosing 0.5 ml............................. 340252 Unit
Plastic tips for Finnpipette
Disposable, 400/pk per box ............................ 340253 Unit
Micro pipettes
Pyrex glass, 100/pk ...................................... 340262 Unit
KRUUSE Laboratory thermometer
-10 + 100°C

KRUUSE digital thermometer
Waterproof, with alarm

KRUUSE Digi-Vet SC 12
Ideal for large animals due to the elongated temperature sensor. Featuring fast and effective measuring (achieved within 15-25 seconds) and ergonomic design.

Digital scale
0-3000 /0.1 g reading. With 220 V adaptor

Semen packing and identification
EECC 3
Compact machine for filling and sealing the straws 3 by 3. Made for mini straws 0.25 ml and medium straws 0.50 ml. Ultra sonic generator for sealing the end of the straw.

Vacuum filling
The EECC3 is working at room temperature or 4°C. Capacity: 13 000 straws per hour at room temperature. Dimensions: L 500 mm – W 300 mm – H 290 mm. Weight: 35 Kg with ultrasonic generator. Power supply: 230 V – 50/60 – air compressed at 6 bars

<table>
<thead>
<tr>
<th>Cat. no</th>
<th>Pack. size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>291125</td>
<td>Unit</td>
<td>Laboratory thermometer -10 + 100°C</td>
</tr>
<tr>
<td>291103</td>
<td>Unit</td>
<td>KRUUSE digital thermometer Waterproof, with alarm</td>
</tr>
<tr>
<td>291102</td>
<td>Unit</td>
<td>KRUUSE Digi-Vet SC 12 Ideal for large animals due to the elongated temperature sensor. Featuring fast and effective measuring (achieved within 15-25 seconds) and ergonomic design</td>
</tr>
<tr>
<td>340254</td>
<td>Unit</td>
<td>Digital scale 0-3000 /0.1 g reading. With 220 V adaptor</td>
</tr>
<tr>
<td>340725</td>
<td>Unit</td>
<td>Semen packing and identification EECC 3 Compact machine for filling and sealing the straws 3 by 3. Made for mini straws 0.25 ml and medium straws 0.50 ml. Ultra sonic generator for sealing the end of the straw. Vacuum filling The EECC3 is working at room temperature or 4°C. Capacity: 13 000 straws per hour at room temperature. Dimensions: L 500 mm – W 300 mm – H 290 mm. Weight: 35 Kg with ultrasonic generator. Power supply: 230 V – 50/60 – air compressed at 6 bars</td>
</tr>
</tbody>
</table>
Combined model

Combination of ink jet printer and EECC3 filling and sealing machine for optimal efficiency work during the processing of the semen.

Automatic detection of the level of straws in the hopper.

The machine stops by itself when there is no more semen in the tape-red dish.

High quality printing for mini and medium straws. User-friendly software. Capacity: 20 000 straws printed per hour.

Very compact and strong system for working at room temperature, cold cabinet and cold room.

---

**Straws**

**Mini straws**

0.25 ml. Packed by 2000/pk

- transparent ........................................ 340670  Unit
- dark red ........................................... 340671  Unit
- yellow ............................................. 340672  Unit
- grey .................................................. 340685  Unit
- grey transparent .................................. 340686  Unit
- white ................................................ 340687  Unit
- orange ............................................... 340688  Unit
- salmon-coloured .................................. 340689  Unit
- orange transparent ................................ 340690  Unit
- beige ............................................... 340691  Unit
- beige transparent ................................ 340692  Unit
- yellow ............................................... 340693  Unit
- light yellow ....................................... 340694  Unit
- light yellow transparent ........................ 340695  Unit
- pink .................................................. 340696  Unit
- pink transparent .................................... 340697  Unit
- red ..................................................... 340698  Unit
- dark green ......................................... 340699  Unit
- dark green transparent ........................... 340700  Unit
- green ................................................ 340701  Unit
- green transparent .................................. 340702  Unit
- dark lilac .......................................... 340703  Unit
- light lilac .......................................... 340704  Unit
- blue transparent .................................... 340705  Unit
- blue .................................................... 340706  Unit
- deep red ............................................. 340707  Unit
- light green ......................................... 340708  Unit
- black .................................................. 340709  Unit
- cobalt blue ......................................... 340710  Unit
- salmon-coloured transparent ................... 340711  Unit

**Medium straws**

0.50 ml, 2000/pk.

Colour range as for mini straws ........ 340675  Unit
### Containers for semen storage and transport

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Static holding time</th>
</tr>
</thead>
<tbody>
<tr>
<td>GT 2</td>
<td>2.0 l/min/330/pk</td>
<td>25 days</td>
</tr>
<tr>
<td>GT 3</td>
<td>3.7 l/min/1560/pk</td>
<td>33 days</td>
</tr>
<tr>
<td>GT 7</td>
<td>7.1 l/min/1560/pk</td>
<td>65 days</td>
</tr>
<tr>
<td>GT 9</td>
<td>9.3 l/min/1560/pk</td>
<td>80 days</td>
</tr>
<tr>
<td>GT 11</td>
<td>12.2 l/min/1560/pk</td>
<td>127 days</td>
</tr>
<tr>
<td>GT 21</td>
<td>21.5 l/min/1560/pk</td>
<td>225 days</td>
</tr>
<tr>
<td>GT 26</td>
<td>26.7 l/min/3780/pk</td>
<td>350 days</td>
</tr>
</tbody>
</table>

GT 11, GT 21 and GT 35 can be equipped with 2 stage canisters.

### VOYAGEUR

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Static holding time</th>
</tr>
</thead>
<tbody>
<tr>
<td>GT 2</td>
<td>1.75 l/min/220/pk</td>
<td>13 days</td>
</tr>
<tr>
<td>GT 5</td>
<td>6.50 l/min/1040/pk</td>
<td>37 days</td>
</tr>
<tr>
<td>GT 12</td>
<td>15.00 l/min/3280/pk</td>
<td>44 days</td>
</tr>
</tbody>
</table>

VOYAGEUR is a new type of nitrogen container especially designed for difficult transports. The containers are equipped with a material which absorbs the liquid nitrogen and therefore the containers cannot leak.

### Containers for storage and transport of liquid nitrogen

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Static holding time</th>
</tr>
</thead>
<tbody>
<tr>
<td>TR 7</td>
<td>7.2 l</td>
<td>36 days</td>
</tr>
<tr>
<td>TR 11</td>
<td>12.2 l</td>
<td>67 days</td>
</tr>
<tr>
<td>TR 26</td>
<td>26.0 l</td>
<td>36 days</td>
</tr>
</tbody>
</table>
ARTIFICIAL INSEMINATION

Technician’s equipment

KRUUSE sterile lubricating gel
Excellent lubrication for A.I. catheters and instruments.
Non-spermicidal. No preservatives
10 ml ................................................ 340623  50
250 ml ................................................ 340625  18

Universal sheath
For insemination gun. Fits mini and medium straws, split, 50 pk.............. 340655  Unit
Non-split, 50/pk..................................... 340656  Unit

Aluminium tube
For sheaths. With plastic cap.
Holds max. 50 sheaths ....................... 340660  Unit

Insemination gun
Stainless steel. Universal model for mini and medium straws .............. 340665  Unit
KRUTEX Super Sensitive gloves
5-finger, 90 cm long. Smooth and strong gloves with a very high sensitivity.
100% polyethylene. 100/pk delivered in handy dispenser box
One size.................................................. 260700
Small ...................................................... 260693

KRUTEX Standard gloves
5-finger, 90 cm long. Strong quality in 100% polyethylene. 100/pk delivered in handy dispenser box .. 260685

KRUTEX Orange Super Sensitive gloves
50/pk ...................................................... 260726

KRUTEX Green Soft gloves
With neck strap, 50/pk.................................. 260724
Thermos container
0.5 l with glass liner
For short time storage and transportation of straws, 0.5 l .......... 340168

Metal box
Stainless steel, 46 x 19.5 x 22 cm, for storage and transport of insemination equipment.
The lid is fitted with a strong handle... 340105

Straw cutter
Designed to quickly cut off the sealed end of straws. After insertion of straw, a push on the button cuts the straw at the proper length.................. 340320

Straw tweezer
For mini and medium straws, stainless, 15 cm .................. 340315

Plexi vaginal light speculum
Ø 40 mm, length 30 cm .................. 290975
Ø 20 mm, length 24 cm .................. 290974
Artificial insemination kit
1 inseminator universal
1 pack of sheaths universal, 50/pk.
Aluminium tube for sheaths
Straw tweezer
Pair of scissors, 14 cm
Vaginal speculum with light
Thermo container 0.5 l
2 bottles of gel, sterile, 500 ml
1 box KRUTEX disposable gloves, super sensitive, 100/pk.
KRUTEX obstetric apron 120 cm
Metal box, stainless steel.
Complete kit in metal box 340680 Unit

Forceps
Stainless, for removal of goblets from nitrogen container
Length 70 cm 340290 Unit
Length 25 cm 340620 Unit

Straw tweezer
For mini and medium straws, stainless 340315 Unit

KRUTEX disposable apron with dispenser
140 cm, 75/pk 260627 8
160 cm, 75/pk 260628 8
Rack for disposable aprons 260626 Unit
KRUTEX disposable suit
Non-woven nylon fiber. Strong quality. Can be washed 5-6 times. Green
Small .............................................. 260608 Unit
Medium .......................................... 260611 Unit
Large ................................................ 260612 Unit
X-Large ............................................. 260613 Unit
XX-Large .......................................... 260614 Unit

KRUTEX vinyl examination gloves,
Powder-free
Non-spermicidal.
Small .............................................. 260787 10
Medium ........................................... 260788 10
Large ................................................ 260789 10
X-Large ............................................ 260790 10

Embryo transfer equipment
The KRUUSE range of items for embryo transfer contains the most commonly used products based on studies of the successful methods practiced by Danish specialists.

Embryo catheters
For flushing and collecting embryos. All catheters are cuffed and supplied in sterile packs.
With metal tip, with luer mount
CH 16 .............................................. 340800 Unit
CH 18 ............................................... 340803 Unit
Catheter
With plastic tip
CH 16 .............................................. 340801 Unit
CH 18 ............................................... 340804 Unit
Mandrin
For CH 16 .......................................... 340802 Unit
For CH 18 .......................................... 340805 Unit
NIPRO catheter
With plastic tip
CH 16 ............................................... 340807 Unit
CH 20 ............................................... 340806 Unit
Luer adaptor
For NIPRO catheter ......................... 340809 Unit
Mandrin
For NIPRO catheter CH 16 and CH 20, 2 x 635 mm ...... 340814 Unit
3-way valve
For embryo catheters, sterile ............. 340808 Unit
Embryo filter
Em Con. For flushing medium, pore size 90 μm, sterile .......................... 340810 Unit

Counting chamber
With 2 rooms, sterile .................................................. 340821 Unit

Counting chamber
With 6 rooms, sterile .................................................. 340822 Unit

Petri dish
35 mm, pack of 10/pk ........................................... 290560 Unit

Petri dish
90 mm ................................................................. 290570 20

Glass pipettes
Box of 100/pk .......................................................... 340813 Unit

Acrodisc syringe filter
With luer adaptor, 0.20 μm, sterile .... 340862 Unit

Straw 0.25 ml
Pack of 5, sterile ........................................... 340820 Unit

Stopper for straws
Sterile, pack of 5 ........................................... 340819 Unit

Insemination gun
For embryo transfer, stainless steel, 4.00 mm ........................................... 340843 Unit

Sheaths with metal tip
Sterile, pack of 5/pk ........................................... 340840 Unit

Sanitary sleeves
For sheath protection, box of 60/pk ........ 340842 Unit

A.I. equipment for pigs

Thermos with glass liner
A one pint wide mouth thermos bottle made of high impact plastic with molded side handle. This bottle has a glass liner which is replaceable. This model keeps temperature longer . 340168 Unit

Gauze pads
100% cotton, 30 x 30 cm, for filtration of gel droplets from the ejaculate, to be mounted over the semen collecting container. Pack of 360/pk ........................................... 340171 Unit

Plastic bags
20 x 40 cm, for use in the thermos collection flask, 100/pk ............ 291987 Unit

Rubber bands
500/pk ................................................................. 340216 Unit

Laboratory thermometer
- 10 + 100 °C ......................................................... 291125 Unit

KRUUSE thermometer
With digital display, waterproof, very fine quality. Supplied in a plastic case ........................................... 291103 Unit
ERLENMEYER flask
Glass, 1 l. For measuring dilution and semen................................. 340403 Unit

BEAKER glass
600 ml. For measuring dilution and semen........................................ 340402 Unit

Measuring cylinder
Glass, 500 ml. For measuring dilution and semen................................ 340400 Unit

Measuring cylinder
500 ml. Polypropylene, for measuring dilution and semen.................... 340401 Unit
NucleoCounter® SP-100™

Total cell count and viability in sperm samples
Ejaculates - Extended doses.

- Easy operation
- 30 sec. analysis time
- Calibration free
- No interference from gel particles in semen
- No cleaning
- Maintenance free
- Portable Instrument
- No extender interference, e.g. egg yolk and milk

Principle:
The NucleoCounter SP-100 is an integrated fluorescence microscope designed to detect signals from the fluorescent dye, propidium iodide (PI) bound to DNA. Results from the NucleoCounter SP-100 represent either total or non-viable cell concentration, depending on the sample preparation.

NucleoCounter SP-100 Specifications:
- Loading volume: 60 µl is loaded into the SP1-Cassette
- Measurement volume: 1 µl in the measurement chamber of the SP1-Cassette
- Analysis time: Total count: 30 seconds non-viable count 60 seconds
- Recommended concentration: Above 1 million cells/ml
- Size: 38 x 26 x 22 cm (W x H x D), weight 3 kg
- Software: Semenview computer software for documentation and presentation - optional
- Printer: External printer for documentation - optional

Cat. No. 340000 Nucleocounter SP-100
Cat. No. 340001 SP1-Cassette, 100/pk
Cat. No. 340002 Reagent S100, 5 l
Cat. No. 340003 Reagent S100, 500 ml
Cat. No. 340004 Dispenser 1-10 ml
Cat. No. 340005 PBS, 5 l
Cat. No. 340006 PBS, 500 ml

As simple as 1 - 2 - 3

1
Sample Preparation
A representative sperm sample is mixed with Reagent S100 for determination of total concentration and PBS for determination of non-viable concentration. The reagent dilutes the sample and renders the cells permeable to the DNA stain.

2
Sampling
Load the SP1-Cassette with the sample solution by immersing the tip of the cassette into the solution and pressing the piston.

3
Analysis
Place the SP1-Cassette in the instrument and press the “Run” button. After 30 seconds the cell count is presented on the instrument display. Optionally data is transferred to an external PC using USB connection or printed on an external printer.
Photometer, Corning 254
With digital display. The photometer is used to measure the semen density. The determination of the concentration is made on a diluted sample with 0.25 ml raw semen + 9.75 ml EDTA semen dilution, which has to be well mixed before measurement in cuvettes.

The reading on the photometer is made by using a standard scale prepared for the separate photometer. The standard scale shows how many ml of raw semen to use per semen dose at a motility of 90%, 80% and 70% respectively.

The motility is determined by microscopic examination of the semen.

Supplied with filter 254/540 green...... 290250 Unit

Filter 254/540 green
For photometer ...................................... 290251 Unit

Accessories:

Plastic cuvettes
4 ml, disposable, for photometer, 100/pk ...................................... 340251 Unit

Finnpipette
Digital display, volume 200-1000 ml, dosing 0.5 ml.................................. 340252 Unit

Plastic tips for Finnpipette
Disposable, 400/pk per box........................................ 340253 Unit

Micro pipettes
Pyrex glass, 100/pk.......................................... 340262 Unit

BTS concentrated diluent powder
BTS powder without gentamycin, 1 l........ 340247 Unit
BTS powder with gentamycin, 1 l...... 340248 Unit
BTS powder with gentamycin, 5 l...... 340243 Unit
BTS powder with gentamycin, 10 l...... 340249 Unit

Magnetic stirrer
Adjustable speed range 0-1100 t/min. 220 V. Used for continuous suspension of the ready mixed semen........................................ 340257 Unit

Stirrer rod
Ø 8 x 40 mm ........................................ 340259 Unit

Stirrer rod
Ø 8 x 50 mm ........................................ 340261 Unit

Plastic container
5 l. Polyethylene. For storing ready mixed semen........................................ 340405 Unit
KRUUSE Foam-tip insemination catheter
Ensures hygienic and easy introduction of the catheter into the sow.

Specifications:
- Total length: 500 mm
- Outer diameter: 7.0 mm
- Inner diameter: 4.0 mm
- Length of foam tip: 30.5 mm

Yellow tip
500/pk .............................................. 340210 Unit
Single packed................................. 340208 Unit

KRUUSE Foam-tip Gilt insemination catheter
Small foam-tips suitable for gilts, 5 x 100/pk ........................................ 340220 Unit

Specifications:
- Total length: 500 mm
- Outer diameter: 7.0 mm
- Inner diameter: 4.0 mm
- Length of foam-tip: 35 mm.
KRUUSE spiral catheter
White, 4/pk, with connecting piece...
Connecting piece with closing cap, 100/pk .........................................

Kruuse Intra-uterine insemination catheter
Used for intra-uterine insemination, easy to introduce. Number of sperm cells can be reduced to approx. 1 billion. Adaptor for semen bags........

Specifications:
Catheter length: 500 mm
Inner catheter length: 670 mm

KRUUSE Foam-tip insemination catheter with Handle

Specifications:
Total length: 540 mm
Length of foam tip: 30.5 mm.
100 x 5/pk.

Rubber catheter
Model Melrose. High quality rubber ensures high flexibility and will tolerate multiple use and sterilization............
Hydrofil Coated
Intra-uterine
Insemination Catheter

Advantages:

• Hydrofil coated inner and flexible inner catheter ensure extremely easy insertion
• Non-traumatic
• Reduction of the dose concentration
• Increase of genetic progress
• Fast and easy to use
• The green stopper ensures correct positioning and secure locking at the required spot

Cat. No 340102
Single packed, 100/pk

Please ask for further information and special leaflet.

KRUUSE Lubricated Catheter, single packed

The advantages of clean insemination are well known to all pig breeders. The avoidance of bacterial contamination of the uterus during insemination improves the performance in terms of conception rate and litter size. The protective and hygienic foil is used as a protection sheath during insertion of the catheter. The foam-tip catheter is lubricated with the well-known KRUUSE catheter lubricating gel, tested by the Danish Meat Association and approved to be non-spermicidal.

Advantages:

• Single packed, remains clean and free of contamination during storage
• Optimal hygiene conditions as the catheter is not exposed to bacteria during insertion through the vulva due to the protective foil, which is broken upon reaching the clean area
• Low risk of infection
• Less time consuming, compared to cleaning of the vulva using wet wipes
• No application of extra gel is needed
• Improvement of conception rate and litter size

Cat. No 340202
Single packed, 100/pk

Cat. No 340091
Single packed, 100/pk with gilt foam tip

www.kruuse.com
Connecting tube
French model - fits between semen bottle/tube and insemination catheter. 45 cm long.

Electric sterilizer
For Melrose rubber catheters. Sterilizes up to 18 catheters at a time. With timer for presetting duration of sterilization (normally 30-60 min.) Voltage: 220 V Consumption: 800 W.

Semen tube
Semen tube 100 ml. With straight tip, open by twisting the tip, fits on to all AI catheters on the market, 100% polyethylene, easy to seal, 1200/pk.

Plastic bottle
Made of polyethylene for ready mixed semen, 100 ml, 100/pk

Cap
For plastic bottle, 100/pk
Blue
Yellow
Green
Red
White

Plastic bottle
100 ml, including reclosable cap
Water bath
Thermostatically controlled water bath for warming up diluent, tubes and bottles of ready-mixed semen. With digital control of temperature.
Power: 220 V/850 W.
Range: 5-55°C.
Inner measurement H/W/L: 150 x 345 x 245 mm

340120 Unit

KRUTEX vinyl Examination Gloves, Powder-free
Non-spermicidal.
Small .................................................. 260787 10
Medium ............................................. 260788 10
Large .................................................. 260789 10
X-large ............................................... 260790 10

PORCIVET Thermo Cape
The mortality rate of newborn piglets can be reduced significantly by protecting the weakest piglets of the litter, eg by using the thermo cape. The piglet's front legs are pushed through the 2 holes and the sides of the cape are folded over the back of the piglet and tied fairly taut.
If the cape is too loose it will fall off at some stage. The circumference of the cape can be adjusted, eg on day 3. Remove the thermo cape on day 5 or even sooner, if the piglet is growing fast. The thermo cape is machine washable at 30°C and can be reused time and time again.
3/pk ..................................................... 241011 Unit
KRUTECH Classic iNSight Ultrasound Scanner

The true solution for pregnancy detection in sows

- As of 19 days positive detection
- Very sturdy
- Completely washable
- Extremely simple to operate
- No cables
- 5 hours continuous operation

KRUTECH Classic iNSight Ultrasound Scanner
Battery Service Pack, containing all below/mentioned parts
Speed Charger, excl. batteries
4 x AA rechargeable batteries
Hand Strap
Battery Holder
Lid for Battery Chamber
O-ring for Lid

Cat No. 241131
Cat No. 241132
Cat No. 241133
Cat No. 241134
Cat No. 241135
Cat No. 241136
Cat No. 241137
Cat No. 241138
Equipment for semen collection

**Artificial vagina**
Model Missouri, complete with liner, leather cover and two collecting bottles. The vagina is to be filled with water, length 46 cm..........................

**Spare parts and accessories for artificial vagina, model Missouri:**

- **Spare liner, latex** ........................................340276 Unit
- **Leather cover** .................................................340268 Unit
- **Adaptor for bottle** .............................................340277 Unit
- **Collecting bottle** .............................................340273 Unit

**Disposable liner**
Plastic, with gel filter...........................................340395 Unit

**Artificial vagina**
Model Colorado, complete, consisting of the following outfit:

Vagina tube, 2 tubular latex rubber bladders, 5/pk latex liners, 25/pk disposable plastic liners, 25 nylon filters, 25 semen collection bottles, 25 screw caps, 10/pk rubber bands, thermometer and heat cover for semen collection bottle..........................340270 Unit

**Spare parts for model Colorado:**

- **Latex liner** .................................................340286 Unit
- **Tubular latex rubber bladder** ...............................340293 Unit
- **Disposable plastic liner**
  25/pk .................................................................340271 Unit
- **Disposable nylon mesh gel filter**
  25/pk .......................................................................340272 Unit
- **Disposable semen collection bottle**
  25/pk .......................................................................340287 Unit
- **Bottle caps, 25/pk** ...............................................340289 Unit
- **Rubber bands, 10/pk** .............................................340288 Unit
- **Collection cover bottle warmer** .............................340291 Unit

**Thermometer**
For artificial vagina. 0-100°C, with clip..................................................340296 Unit

**Mare breeding hobbles, set**
Model Colorado..........................................................340292 Unit

**Latex condom**
For collecting semen for examination purposes .................................340380 Unit

**Scrotal callipers**
For measuring the size of the testicles. The size is important for the reproduction effectivity of the stallion ..340294 Unit
A.I. equipment for equine

Equine uterine catheters
Disposable, plastic with luer cone in one end, sterile or non-sterile

Non-sterile
53.5 cm ........................................230740 25
60.0 cm ........................................230741 25
70.0 cm ........................................230742 25

Sterile
53.5 cm ........................................230730 50
60.0 cm ........................................230731 25
70.0 cm ........................................230732 25

Evaluation of semen

MAKLER counting chamber
For easy and precise analysis of motility and morphology ..........340295 Unit

Disposable pipettes
100/pk ........................................290351 Unit

Mare insemination

EQUITAINER for stallion semen
Can be used for transport up to 70 hours. Complete with 2 ballast bags, 2 cooling boxes and a sterile cup ......340390 Unit

Accessories for Equitainer:

Coolant can .....................................340391 Unit
Ballast bags ...................................340396 Unit
Sterile cups ....................................340397 Unit
Sterile disposable bags
For sperm samples, 100/pk ..................340172 Unit

NORM-JECT disposable syringes
2-component, non toxic to semen or embryo
50 ml, luer ......................................112255 30
30 ml, luer ......................................112257 50

Closing caps
For NORM-JECT syringes. Bag of 100/pk.
Single packed, sterile .......................112396 Unit
Non-sterile ....................................112395 Unit

Semen extender
Delivered as powder. 125 ml sterile water in a plastic bottle is delivered with the powder ready for mixing

Semen extender E-Z Mixin “CST”
(Colorado, red) with Amikacin ..........340386 24

Semen extender E-Z Mixin “OF”
(Colorado, blue) with Polymyxin B Sulfat ........................................340387 24

Semen extender E-Z Mixin “BF”
(Colorado, green) without antibiotics ..340388 24
### Artificial Insemination

#### Equipment

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Catalogue Number</th>
<th>Pack. size</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Frozen semen</strong></td>
<td>EQUIVET insemination stylet 56 cm, stainless steel, for 0.5 ml straws</td>
<td>340828</td>
<td>Unit</td>
</tr>
<tr>
<td></td>
<td>EQUIVET insemination catheter 56 cm, 0.5 ml straws, 5/pk</td>
<td>340829</td>
<td>Unit</td>
</tr>
<tr>
<td><strong>Insemination gun</strong></td>
<td>44 cm. Stainless steel. Universal model for mini and medium straws</td>
<td>340665</td>
<td>Unit</td>
</tr>
<tr>
<td><strong>Sheath universal</strong></td>
<td>For insemination gun, 50/pk</td>
<td>340655</td>
<td>Unit</td>
</tr>
<tr>
<td><strong>Straw cutter</strong></td>
<td>Gives a perpendicular and clean cut to avoid that the shape of the straw is changed and thereby the risk of the semen running back is minimized</td>
<td>340320</td>
<td>Unit</td>
</tr>
</tbody>
</table>
**Artificial Insemination**

**Equine Reproduction Equipment**

**EQUIVET uterus flushing tube**
Sterile 190 cm with bore spikes. Ensures an easy and secure coupling of flushing tube and flushing liquid...

**Flushing liquids for uterus flushing**

**Sodium Chloride isotonic sterile solution**
1 l, 9 g/l

**Ringer acetate**
1 l isotonic sterile solution

**EQUIVET mare flushing catheter**
Sterile, luer 8 x 700 mm

**Mare flushing catheter**
Nickel-plated

**EQUIVET uterine biopsy forceps**
62 cm. Cutting area 4 mm x 15 mm

**Biopsy instrument**
Dividable

---

**Straw tweezer**
Stainless, 15 cm

**EQUIVET mare flushing catheter**
Sterile, luer 8 x 700 mm

**Mare flushing catheter**
Nickel-plated

**EQUIVET uterine biopsy forceps**
62 cm. Cutting area 4 mm x 15 mm

**Biopsy instrument**
Dividable

---

**Artificial Insemination**

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### Equine embryo transplantation

<table>
<thead>
<tr>
<th>Item</th>
<th>Cat no</th>
<th>Pack size</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQUIVET stallion catheter</td>
<td>230760</td>
<td>Unit</td>
</tr>
<tr>
<td>FOLEY catheter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28 F 100 ml</td>
<td>340384</td>
<td>Unit</td>
</tr>
<tr>
<td>34 F 100 ml</td>
<td>340385</td>
<td>Unit</td>
</tr>
<tr>
<td>Stylet for flushing catheter</td>
<td>340805</td>
<td>Unit</td>
</tr>
<tr>
<td>Filter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Em Con, steril</td>
<td>340810</td>
<td>Unit</td>
</tr>
<tr>
<td>Y-junction</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Long</td>
<td>340850</td>
<td>Unit</td>
</tr>
<tr>
<td>Pipettes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>For embryo transplantation</td>
<td>340813</td>
<td>Unit</td>
</tr>
<tr>
<td>Test dish</td>
<td></td>
<td></td>
</tr>
<tr>
<td>With six compartments, sterile</td>
<td>340822</td>
<td>Unit</td>
</tr>
<tr>
<td>PETRI dish</td>
<td></td>
<td></td>
</tr>
<tr>
<td>With four compartments, 4/pk</td>
<td>340861</td>
<td>Unit</td>
</tr>
<tr>
<td>PETRI dish</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diameter 90 mm</td>
<td>290570</td>
<td>Unit</td>
</tr>
<tr>
<td>PETRI dish</td>
<td></td>
<td></td>
</tr>
<tr>
<td>60 mm, 11/pk</td>
<td>290550</td>
<td>Unit</td>
</tr>
<tr>
<td>Acrodisc</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0,2 my, sterile</td>
<td>340862</td>
<td>Unit</td>
</tr>
<tr>
<td>Sanitary sleeve</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**ARTIFICIAL INSEMINATION**

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CHAPTER 17 PAGE 230
Inseminator
For embryotransfer 4 mm .......... 340843 Unit

Inseminator sheaths
4 mm, 5/pk ........................................ 340840 Unit

Identification rod
For closing and identification of mini straws, pack of 5, sterile .......... 340819 Unit

Straws
0.25 ml, sterile, 5/pk.......................... 340820 Unit

A.I. equipment for dogs

KRUUSE Canine A.I. kit
A complete kit consisting of all necessary equipment for collecting semen and for artificial insemination. Consisting of:
- Latex collection cone
- Collection glass
- Syringe
- Closing cap for syringe
- Connection piece
- 2 disposable wrist length gloves
- 2 sterile A.I. catheters for dogs
- 2 sterile lubricating gel 10 ml .......... 340905 Unit

BUSTER insemination catheter
30 cm, with luer drilling. Sterile packed .................................................. 273404 12