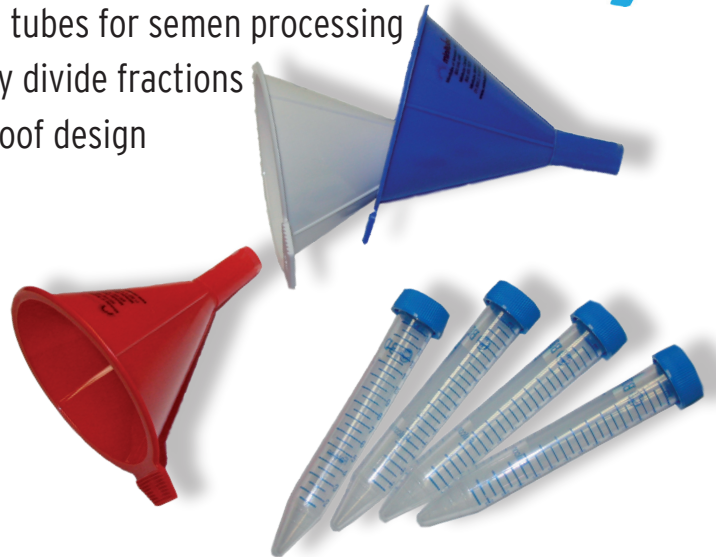


CANINE COLLECTION SYSTEM



Most convenient collection system available in today's market
Centrifuge-ready 15 cc collection tubes for semen processing
Colour coded to easily divide fractions
Simple spill-proof design

REF. : 17500/0200



: Components

- Three colour coded funnels (red, blue and white)
- Four 15 cc centrifuge tubes

Your benefits

- Allows evaluation of stud dog penis while being collected
- Colour coded funnels to divide the different ejaculate fractions. Dividing the fractions is always useful in preventing unwanted bacteria and contaminations by prostatic fluid
- Spill-proof funnel design prevents accidents during the collection process
- Non-spermicidal material are easy to clean, sterilise and re-use
- Samples immediately ready for analysis, centrifugation or extension

: Procedure

Attach a centrifuge tube to the bottom of each collection funnel prior to use.

- **Red** funnel to be used for the first fraction of the ejaculate
- **Blue** funnel to be used for the „**Sperm Rich**“ second fraction
- **White** funnel to be used for the third fraction (prostatic fluid)

The colour coded system helps to prevent mixing and aids in identifying fractions. Their respective use is suggested to make collection more efficient. Mixing fractions will adversely affect the quality of collection semen. The funnels allow better visualisation of the different fractions of the ejaculate, making separation easy. It also helps to identify penis problems like vesicles, lesions, bleeding and inflammation during full erection.

When the stud dog begins his penile erection, position **red** funnel close to the tip of the penis to collect the first fraction of the ejaculate (normally transparent). Avoid touching the penis with the funnel.

At the end of passive production of the first fraction, often when thrusting stops and the dog begins rotating, the „**Sperm Rich**“ fraction is actively produced, quickly change to the **blue** funnel to collect the desired sample (normally cloudy).

At the end of spermatic ejaculation, when active contraction of the prostate is observed (contraction of the perineal region), use the third **white** funnel to collect the final fraction of the ejaculate (transparent prostatic fluid) which is usually high in volume.

After collection, remove tube containing the second „**Sperm Rich**“ fraction of the ejaculate from the **blue/clear band** funnel. Take sample to the laboratory for sperm evaluation and semen processing. Discard the other two parts of the ejaculate if not required for any diagnostic tests.

CANINE ELECTRO EJACULATOR



: Minitüb Electro Ejaculator

Technical data

- directional transmission of current
- variable analog adjustment dial
- 0-8 volts AC input/output power
- 0-16 volts AC input/output power
- 1- Volt meter
- 2- Ampere meter (amps current)
- 230 V or 115 V power switch

REF. : 11900/0500

: Canine Probe

Technical data

- Diameter: approx. 1.3 cm
- Length: approx. 5.6 cm

REF. : 11900/0510



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REF: 30000/1510
07-2007

CANINE SEMEN EVALUATION



: Photometer SpermaCue

The elegant and fast method for semen density evaluation. This photometer is exact, very easy to handle and provides the final result in less than one minute.

- Calibration for canine semen
- No dilution of semen samples
- Digital display of the concentration in 10^6 sperm cells/cc
- Automatic zero measurement
- Control cuvette for verification of the photometer calibration
- Built-in batteries for wireless operation



REF. : 12300/0500

Accessories

Microcuvette for photometer SpermaCue

Precision made, may be used at the same time as pipette, test tube and cuvette, 50/package

REF. : 12300/0550

Cleaning sticks for SpermaCue

soaked in Ethanol, 1 set with 5 sticks

REF. : 12300/1200

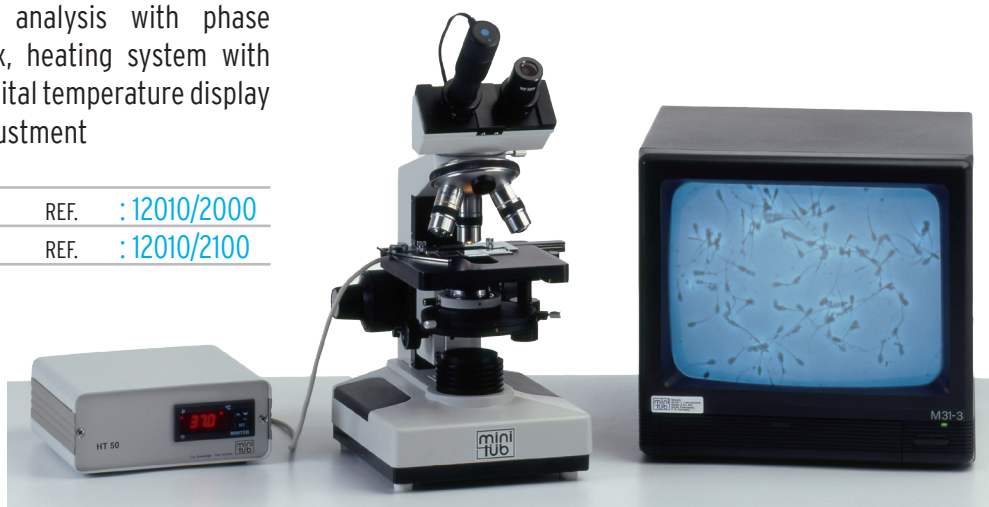


: Phase contrast microscope MBL 2000

Functional microscope for semen analysis with phase achromatic objectives 10x, 40x, 100x, heating system with temperature control unit HT50 with digital temperature display and freely selectable temperature adjustment

Binocular REF. : 12010/2000

With photo tube, camera and monitor REF. : 12010/2100



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REF: 30000/1512
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CANINE SEMEN EXTENDERS



- : Series of culture media for canine semen**
Formulated for greater motility, increased shelf life and improved fertility

CaniPRO™ Chill 5 **- 5 day culture medium for canine semen**

- Maintains motility over a 5 day period at +5°C
- Does not require egg yolk
- Over 1 year shelf life stored at +5°C
- Ideal for short term shipping

REF. : [13700/0045](#)



CaniPRO™ Chill 10 **- 10 day long term culture medium for canine semen**

- Maintains motility over a 10 day period at +5°C
- Requires egg yolk
- Over 1 year shelf life stored at +5°C
- Ideal for domestic and international shipping

REF. : [13700/0050](#)



CaniPRO™ Freeze A&B **- two step culture medium for freezing canine semen**

- Requires egg yolk
- Over 1 year shelf life stored at +5°C
- Freeze B contains glycerol essential in canine semen preservation

REF. : [13700/0060](#)



CANINE SEMEN EXTENDERS



Canipro™ AI

- Culture medium for thawing canine semen and AI (artificial insemination)

- Contains motility enhancing ingredients
- Ideal for all AI procedures, especially when using poor quality, low volume semen
- Does not require egg yolk
- Over 1 year shelf life stored at +5°C



REF. : 13700/0070

DogSemenDiluent

- for short-term preservation of canine semen

- Supplied in powder-form in bags
- Requires 100 cc sterile water to reconstitute
- Suitable for centrifugation



REF. : 13700/0100

Triladyl® Canine

- Culture medium for freezing canine semen in one step

- Based on TRIS buffer
- Requires 10 cc egg yolk



REF. : 13701/0010

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REF: 30000/1513
06-2008

CANINE ARTIFICIAL INSEMINATION



MAVIC vaginal insemination catheter

- The most advanced canine vaginal insemination catheter

Available in two sizes, 250 mm and 400 mm to accommodate small and large bitches. The unique balloon and injection-port system prevents semen reflux, making the MAVIC ideal for use with fresh or chilled semen

Your benefits

- Designed to mimic the natural breeding process
- Available in two sizes to accommodate a variety of breeds
- Stainless steel spine with protective sheath to enhance rigidity
- Luer lock injection port with checkvalve
- Inflatable balloon prevents unwanted back flow of semen
- Balloon equipped with monitoring pilot balloon and luer lock checkvalve

MAVIC 250 mm for small and medium sized dogs,

CH 18, 50 cc balloon, stainless steel spine

REF. : 17500/0075

MAVIC 400 mm for medium to large sized dogs,

CH 36, 100 cc balloon, stainless steel spine

REF. : 17500/0070

AI pipettes for female dogs

Rigid plastic pipettes with piece of tubing and Luer adapter

length: 22 cm, 10/package

REF. : 17500/0010

length: 22 cm, 1/package, sterilized

REF. : 17500/0020

length: 40 cm, 1/package, sterilized

REF. : 17500/0040

length: 40 cm, 10/package

REF. : 17500/0045

MiniLube

Sperm friendly lubricant for AI pipettes and catheters

90 cc tube, resealable

REF. : 17116/7000

Collection Kit

- Most convenient canine semen collection kit available in today's market
- Colour coded to easily divide fractions
- Centrifuge-ready 15 cc collection tubes for semen processing
- Simple, spill-proof design

REF. : 17500/0200



CANINE ARTIFICIAL INSEMINATION



CaniPRO™ Chill 10

- 10 day long term culture medium for canine semen

- Maintains motility over a 10 day period at +5°C
- Requires egg yolk
- Over 1 year shelf life stored at +5°C
- Ideal for domestic and international shipping



REF. :13700/0050

For information on our full range of canine semen extenders, please refer to our brochure „Canine semen extenders“.

Highly insulated transport box for chilled canine semen

The Minitüb Neopor box has been designed for shipping canine liquid semen at optimal temperature conditions for up to 45 hours at +5°C.

The transport box consists of:

- Neopor container
- Two ice packs
- One 10 cc and one 5 cc syringe with caps
- Two 13 cc buffer tubes with lid
- White outer carton

The box is packed in a cardboard shell which provides excellent protection, space for documents and room for labelling.

Several long term measurement studies under varying conditions have revealed that semen stored inside the box holds the optimal temperature for approx. 45 hours. Other styrofoam transport boxes that were used as controls in these studies, hardly kept ideal conditions for 24 hours.



REF. :17229/0005



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REF.: 30000/1516
06-2008

CANINE TRANSCERVICAL INSEMINATION



Your benefits

Transcervical Insemination (TCI) compared to surgical or laparoscopic AI:

- No anaesthesia/sedation necessary (only in very rare cases)
- Easy (after training)
- No side effects
- Both alternatives (laparoscopic and surgical AI) are cost intensive

Minitüb endoscope for insemination of bitches:

- Can be used with all dogs - no matter what size or weight (in 40% of dogs a cystoscope can not be used)
- The ocular of our endoscope is angular which eases handling during introduction
- Working channel provided for TCI insemination catheter
- Less training necessary compared to TCI with other devices

: TCI Catheters

Product features

- Clear markings every centimeter with additional indicators every 5 centimeters
- Supple material reinforced by a removable stylet for easy insertion
- Syringe adapter included



Single port

eye is 0.5 cm from tip to prevent blockage

CH3, length: 70 cm, 10/box	REF. : 24000/0113
CH4, length: 70 cm, 10/box	REF. : 24000/0114
CH5, length: 70 cm, 10/box	REF. : 24000/0115
CH7, length: 70 cm, 10/box	REF. : 24000/0117
CH6, length: 70 cm, 10/box	REF. : 24000/0116
CH8, length: 70 cm, 10/box	REF. : 24000/0118

Dual port

has additional eye approx. 2 cm from tip and rotated 60°

CH3, length: 70 cm, sterile	REF. : 24000/0123
CH4, length: 70 cm, sterile	REF. : 24000/0124
CH5, length: 70 cm, sterile	REF. : 24000/0125
CH6, length: 70 cm, sterile	REF. : 24000/0126
CH7, length: 70 cm, sterile	REF. : 24000/0127
CH8, length: 70 cm, sterile	REF. : 24000/0128

CANINE TRANSCERVICAL INSEMINATION



: TCI Endoscope

Product features

- Autoclavable
- Distal sheath with rounded tip
- Long, narrow shaft to easily accommodate both small and large dogs
- Maximum inflow due to large central instrument channel with 2 lateral irrigation connections
- Large working channel allows the use of TCI catheters, rigid instruments and probes up to 5 FR
- 2 right angled lateral irrigation connections
- Rigid angled eyepiece connection to the light source/camera via fiber-optic cable makes working more comfortable

Technical data

Distal tip: 8 Fr

Instrument sheath: 9.5 Fr, conical (1 step 9.5 - 13.5)

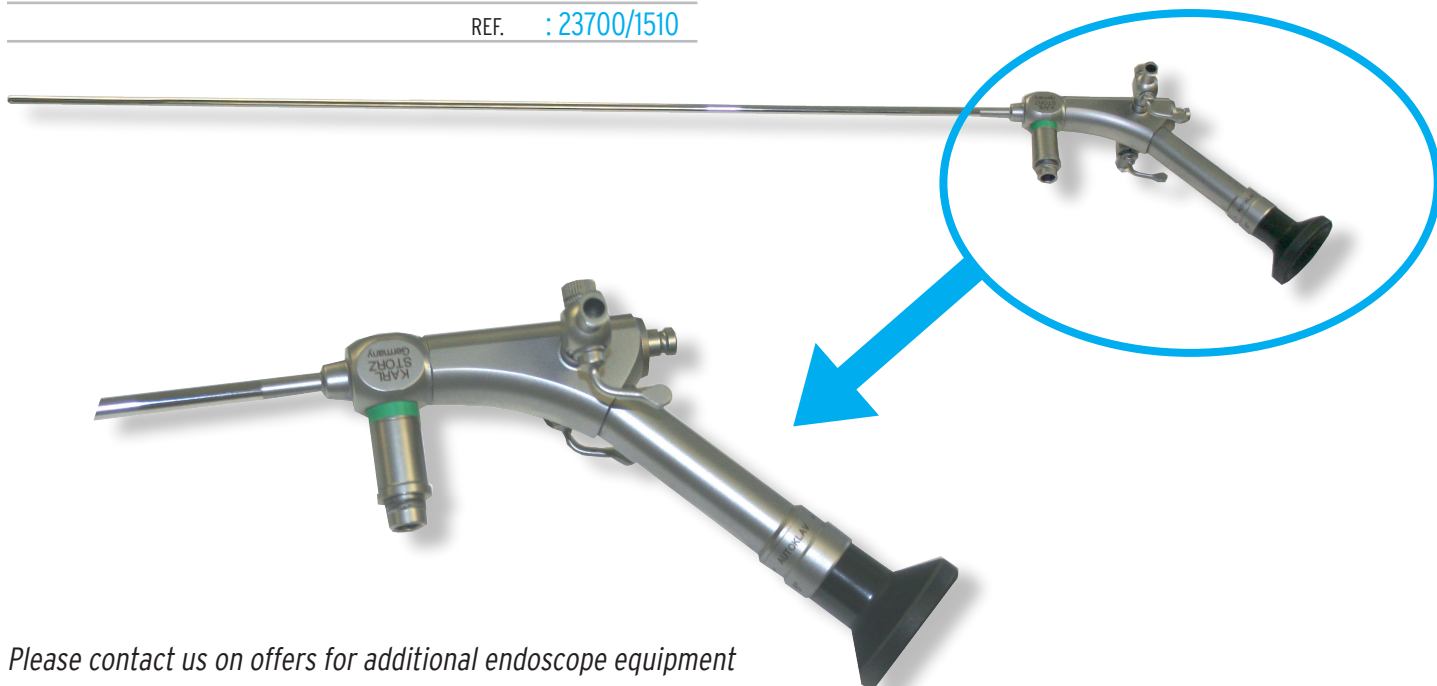
Central channel: accommodates instruments up to 5 Fr

Telescope: Karl Storz fiber-optic system, direction view of 6°

Length: 43 cm

Eyepiece: angled, rigid

REF. : 23700/1510



Please contact us on offers for additional endoscope equipment



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