

Dr. Fritz[®]
GmbH

BOVINE, LARGE ANIMALS
LAPAROSCOPY

لاپاروسکوپی دام بزرگ دکتر فریتز



Spieker and trocar



for laparoscopic
repositioning of LDA,
in a standing upright
position

Janowitz and
Christiansen,
Giessen 2003



TR-78-766 Christiansen's spieker for large animals
1 m, consisting of:
outer tube TR-78-763
lancet TR-78-761,
inner tube TR-78-762

TR-13-145 Working trocar, ID: 13 mm, NL: 14 cm incl.
cannula (TR-145), sharp trocar (TR-13)

Soak basin

DE-10-426 Soak basin for chemical solution disinfection
consisting of basin /perforated)



Suction & inflation pump

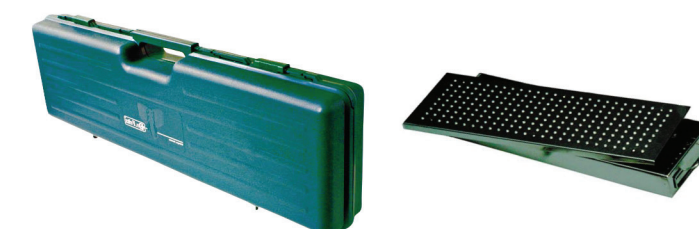


H140-3S Veterinary suction & irrigation pump,
membran pump only, without accessories,
vacuum: 4 L/min, 0,4bar,
pressure: 4 L/min, 0,5bar (400mmHG)

H150-1-1 Inflation pump, small, 5 litre/min
max. 0,25bar, 230VAC;50/60Hz
incl. silicon tube, LL (m)

H150-1-1X Inflation pump, small, 5 litre/min
max. 0,25bar, 115VAC;50/60Hz
incl. silicon tube, LL (m), (without picture)

**Transportation case and
instruments container**



for safe storage of your cold light source,
instruments and telescopes

DE-4011-48 Sterilizing and storing case, stainless steel,
lid perforated with textile filter
size: 40x11x6 cm

K-8427-11 Case for storage and transport of
telescopes and instruments, 84x27x11 cm,

Y-K-8427-13 Spare inlay for transportation case
type K-8427-11, washable

Safety toggle



- robust and break resistant (material)
- 90 cm double suture material
- increased stiffness of suture material to assist placement in abdomen
- with markings along the suture

LO-40-04 Safety toggle pin acc. to Dr. Janowitz, for laparoscopic abomasal fixation, 5 pcs.

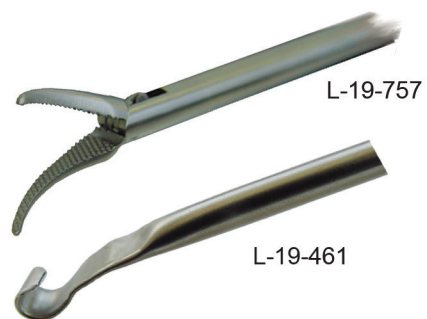
Needle, puncture system



L-33-218 Palpation probe and puncture cannula, OD 5 mm, 33 cm

TR-40-350 Toggle placing trocar acc to Janowitz, OD: 5 mm, WL 35 cm, consisting of: cannula only (TR-40), trocar only (TR-40-3), obturator (TR-40-35)

Suture grasping forceps



L-19-757 Suture grasping & preparation forceps acc. to Dr. Janowitz, long version, OD: 5mm, WL: 46 cm, cleaning connector

L-19-746 Suture and preparation forceps acc. to Dr. Janowitz, specific version, OD: 5,5 mm, WL: 33 cm, cleaning connector – short version: optional –

L-19-461 Suture grasping hook acc. to Dr. Meyer, 5 mm, 40 cm

Accessories – in addition to standard set



531.01H05V Metzenbaum scissors, 5 mm, 33 cm, curved insulated, dismantable, rotatable, plastic handle

531.60H01V Biopsy forceps, 5 mm, 33 cm, double action jaws, insulated, dismantable, rotatable

DE-3-456 Cleaning brush, for long tubes ID: 2,5-5 mm, 6 pcs. (without picture)

Light sources – halogen – LED, for field practice



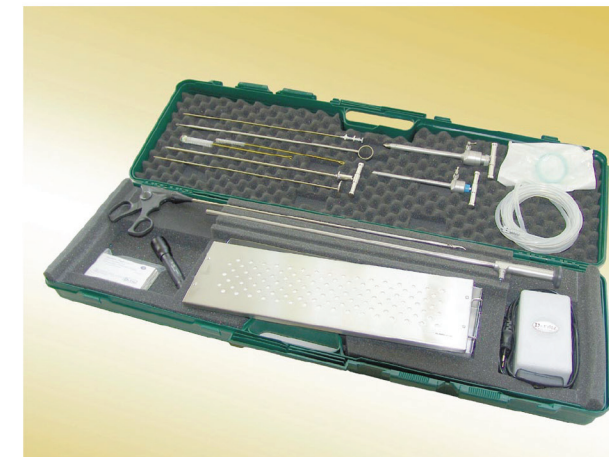
LED-8-44 LED accu light handle, high power SET, adjustable intensity, comp. to Fritz/Wolf, handle fully immersible, consisting of: handle only (LED-8-40), charger (LED-8-41), Li accu block 3,7V x 1Ah (LED-8-42)

LED-8-32 LED endoscope light handle, mini, 1,5 VDC, 90 g, comp. to Fritz/Wolf, including complete mignon battery AA

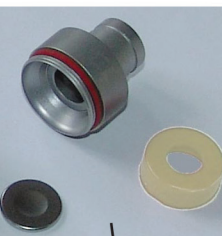
لاپاروسکوپی دام بزرگ دکتر فریتز

این تجهیزات به منظور ارزیابی محوطه ی شکمی و درمان جابجایی شیردان طراحی شده است و با کریستین ست همراه آن امکان فیکس کردن شیردان به صورت ایستاده و بدون رولینگ وجود دارد.

Set for laparoscopic repositioning and fixation of abomasal displacement in cattle



این مجموعه به جراح دامپزشک این امکان را می دهد تا با استفاده از یک روش سریع، ایمن و بدون استفاده از داروی خاص و فقط با بی حسی موضعی، سریعاً دام را درمان و آن را ریکاور کند. عنصر اصلی در این ست استفاده از دید وسیع و قوی جراح و استفاده از ابزار منحصر به فرد با طول خاص بوده که برای این منظور و برای دام های بزرگ مستقر در فارم طراحی شده است. تحقیقات به عمل آمده از مقالات نشان می دهند که سیستم های Toggle قدیمی اغلب دارای استحکام کافی نبوده و منجر به پارگی بخیه یا شکستن قسمت پلاستیکی ضامن Toggle می شود این امر موجب طراحی Toggle پین های ایمن و جدید با ۹۰ سانتی متر طول و رنگ با تالو، خاص بوده که امنیت بخیه را دو برابر می کند.



fully dismantable magnetic flap valve system

SET-LAB-231 Set for endoscopic LDA/RDA repositioning.
Basic set including transportation case, consisting of:

- scope, LED-battery light mini
- suture grasping forceps, long
- inflation and puncture needle
- trocars and trocar cannulas
- abomasal puncture system
- safety toggle pins
- sterilizing and storage tray
- inflation pump
- cleaning brushes

SET-LAB-232 Set see above, yet with Spieker acc. to Christiansen
for the procedure in a standing upright position (see page: Lap-R-4)

Telescope, Trocars

T420-8000V Wide angle telescope, OD: 8 mm, 0°, large image and safety version, for large animal practices

234-200V Cannula only, magnetic valve, stopcock, ID: 8 mm, WL: 12 cm, (without picture)

234-166V Trocar only, special sharp tip, for cannulas ID: 8 mm, WL: 12 cm, (without picture)

231-201V Cannula only, magnetic valve, for trocars, ID: 5,5 mm, WL: 12 cm

231-166V Trocar only, special sharp tip, for cannulas ID: 5,5 mm, WL: 12 cm

Accessories:

234-211 Spare sealing caps, for trocar cannula 8 mm, p. of 10 pcs.

231-211 Spare sealing caps, for trocar cannula 5,5 mm, p. of 10 pcs.

230-215 Spare magnetic valve flap 8/10 mm, p. of 2 pcs.

231-215 Spare magnetic valve flap 5,5 mm, p. of 2 pcs.

DE-6-21 Cleaning brush for tubes, size: 5 to 7 mm, 20 cm

DE-9-25 Cleaning brush for tubes, size: 7 to 10 mm, 25 cm



T420-8000V