

Small Animal

Dr. Fritz®
Wireless ■ Endoscopes

- Postrhinoscopy & Otoscopy
- Vaginoscopy
- Bronchoscopy & Gastroscopy
- Gynecology
- Arthroscopy
- Laparoscopy & Thoracoscopy



We are changing
veterinary endoscopy

Small Animal



Video Compact System 7

Endoscope for general ambulatory use, pets & exotic species

NEU
VCS7



WIRELESS Video Compact System 7

The next generation for your pet practice



Video Compact System 7

Endoscope for general ambulatory use, pets & exotic species

- ✓ Wireless video transmission
- ✓ Independent of video tower and light source
- ✓ Without cable
- ✓ Easy handling & quick cleaning
- ✓ Integrated LED light

NEW ⇒ Integrated working channel Ø 1,2mm
Ø 3,4mm & WL: 6cm

NEW ⇒ Chip-in-the-Tip-Technologie
robust and unbreakable



General use for small Animal consulting rooms

- Rhinoscopy
- Laryngoscopy
- Dental endoscopy
- Otoscopy
- Vaginoscopy
- Dermoscopy
- Best compliance with the owner

■ Set 98-VCS7-SE

- VCS7, Ø 3,4mm, WL: 6cm, working channel Ø1,2mm
- 10" monitor receiver
- Application sheaths for ears and oral examination in pets
- Optical grasping forceps
- Flexible grasping forceps Ø1mm, WL: 16cm
- Ear curette
- Charging station, wall mount
- Antifog, cleaning brushes
- Stainless steel stand for silicone sleeves including charging station
- Inflation pump for dental and gyn





Video Compact System 7

Endoscope for general ambulatory use, pets & exotic species

Das Set

VCS 7

Ø 3,4mm, WL:6cm

Working channel Ø 1,2mm

Completely soakable



Stainless steel stand for
silicone sleeves including
charging station
(981-VK-RA5)



Ear curette, oval, rounded end
OD:2mm WL:14cm
(B18-121)



Cats sheath
OD:4,5mm, WL:6,7cm
(98-VCS6-3)



Silicon sheath
OD:5mm, WL:7cm
(98-VCS6-6S)



Dental sheath
OD:8mm, WL:7,3cm
(98-VCS6-4)



Tongue spatula
OD:7,3mm, WL:8cm
(98-VCS6-5)



Laser sheath
OD:5,4x5,0mm, WL:6,8cm
working channel: 3,6mm
(98-VCS6-9)



Optical grasping forceps
(98-VCS6-8F)



Antifog
(E-22-71)



Flexible grasping forceps
OD: 1mm, WL:16cm
(F10-160)



Reinigungsbürsten



(F15-181E)



(DE-5-17)

Inflation pump, small
4L/min., max. 0,2 bar,
incl. silicon tube
(H150-1-1)



10" Monitor receiver
incl. recorder & accu
(TXM10-58R)





Several applications

- ✓ Multi receiver capable

- ✓ Automatic radio connection, all types of endoscopes (broncho/arthroscopes/laparoscopes)



Receiver - monitor



TXM10-58R

10" Receiver-monitor, recorder

- mSD card slot, automatic scan, battery

TXM7-60R

7" Receiver-monitor, recorder

- mSD card slot, automatic scan, battery

TXL2-580M

5" Receiver-monitor, recorder

- mSD card slot, automatic scan, battery
- With arm strap



M-LCD-22PC

21" LCD PC

- With in-built receiver and recorder

TXL1-7-NO2

Receiver for Apple & Windows

- Incl. USB grabber



M-LCD-21SK

21" Video monitor HD

- With in-built receiver for scopes

TXL1-583

TV receiver for monitor

- Video-Out

TGR-40

Multi HD radio receiver

- HDMI out



Additional equipment

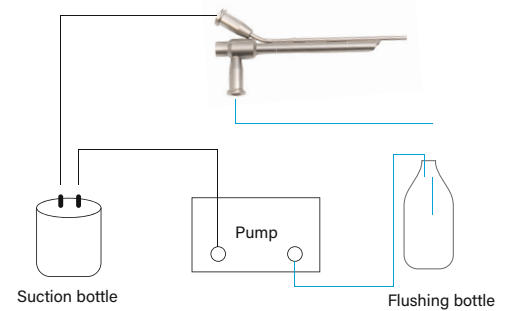
Video Compact System 7

Suction-/irrigation pump

For lens cleaning, inflation and suction.
For small and large animal practice.

H140-3S

- Suction & irrigation pump (H140-3)
- 1 li. suction bottle (H160-AB-43)
- 1 li. flushing bottle (H160-AB-7)
- Tubes & transformer
- Sterile filter (AR-10-922)



Optical suction & irrigation sheath

Suction & irrigation sheath
for VCS 6
(98-VCS6-11)



Flexible biopsy forceps

- Ø1mm, WL:15cm
- Premium quality
(B10-150)



Silicon tips

Silicon tips
Autoklavable
20 pcs.
(981-VK-S)



Suitable for silicon sheath
98-VCS6-6S

Working funnel

- Big (98-VCS6-7T)
- 9mm
- To take a swap samples (gyn)
and large foreign body graspers

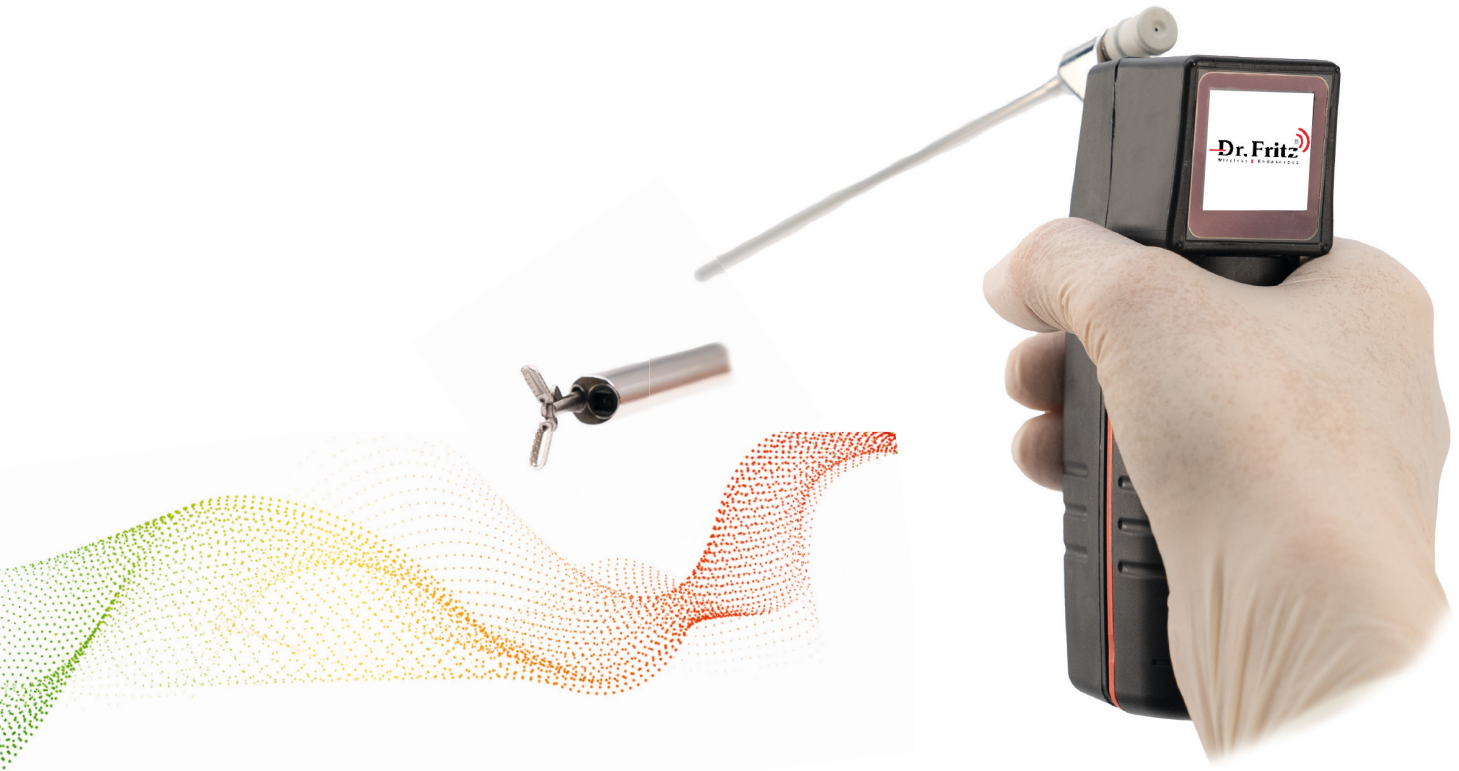


Small Animal



Compact Rhinoscope-/Vaginoscope

Classic endoscopic equipment for pets- and small animals



WIRELESS Compact Rhinoscope/ Vaginoscope

One of the smallest units with
working channel worldwide

15 2025

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Dr. Fritz[®]
Wireless ■ Endoscopes



Compact Rhinoscope/Vaginoscope

Classic endoscopic equipment for pets and small animals



- ✓ Battery replaceable
- ✓ Control display on the endoscope
- ✓ Integrated sender 5,8 GHz
- ✓ Integrated LED light
- ✓ Easy handling & quick cleaning
- ✓ Fully immersible



Control display



Battery replaceable

■ Set (TA20-3SET)

Cordless generation with exchangeable battery, in-built LED's, video camera, HD sender for video transmission & 1,5" control display.

- Compact Rhinoscope/Vaginoscope
- 2 spare batteries
- Charging station
- Charger
- Biopsy forceps
- 3 way stopcock
- Catheter, 1,0mm
- Cleaning brush
- Protection sheath
- NEW: enables circulation flushing
- 10" monitor receiver

▷ Several applications

see page 13

Wireless video transmission





Compact Rhinoscope/Vaginoscope

Classic endoscopic equipment for pets and small animals

■ Set (TA20-3SET)

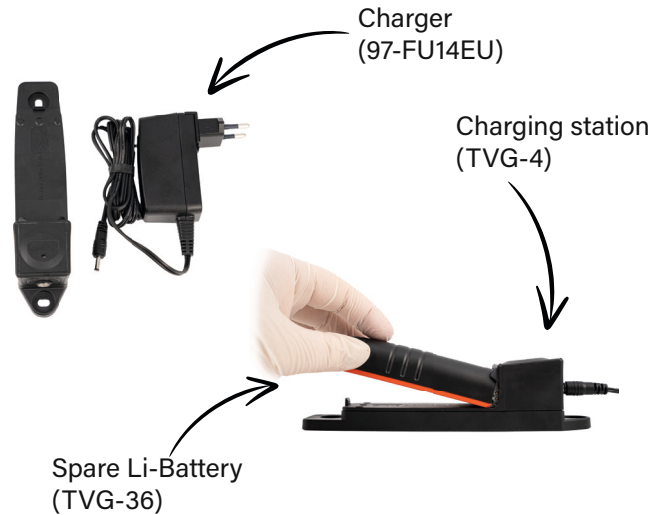
Compact Rhinoscope-/Vaginoscope
OD: 3,4x2,6mm, 8,5 Charr
WL: 20cm
Working channel: 1,2mm
Luer connection, fully immersible



Charger
(97-FU14EU)

Charging station
(TVG-4)

Spare Li-Battery
(TVG-36)



Biopsy forceps
OD: 1,0 mm
WL: 35cm
(B10-351)



Flushing & protection cannula
4mm
enables 2 way suction & irrigation
(TV20-3SP)



Cleaning brush



3 way stopcock
(Y-LL-1273H)



Catheter
OD: 1,0 mm
WL: 100cm
(F13-102A)



10" Monitor receiver
incl. recorder & accu
(TXM10-58R)





Additional equipment

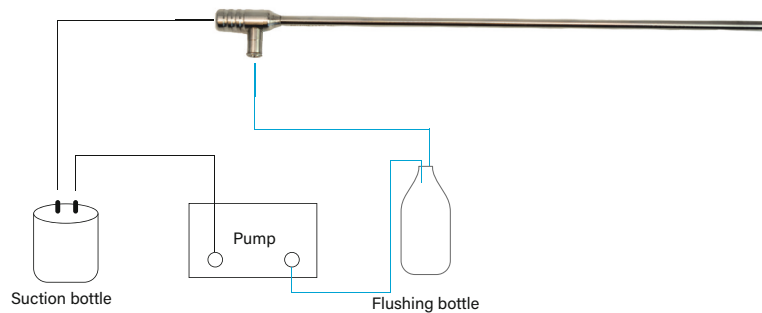
Compact Video Rhinoscope/Vaginoscope

■ Suction-/irrigation pump

H140-3S

- Suction & irrigation pump (H140-3)
- 1 li. suction bottle (H160-AB-43)
- 1 li. flushing bottle (H160-AB-7)
- Tubes & transformer
- Sterile filter (AR-10-922)

For lens cleaning, inflation and suction.
For small and large animal practice.



■ NEW! Post rhino video mirror

TA20-3P18

OD: 18mm, WL: 20cm
With soft palate hook

Until now examination of retro pharynx was only possible for clinics and hospitals with appropriate endoscopic equipment. The newly developed video mirror system allows the general practitioners to perform retro pharyngoscopy. Grasping of foreign bodies or biopsies under visual control are possible.





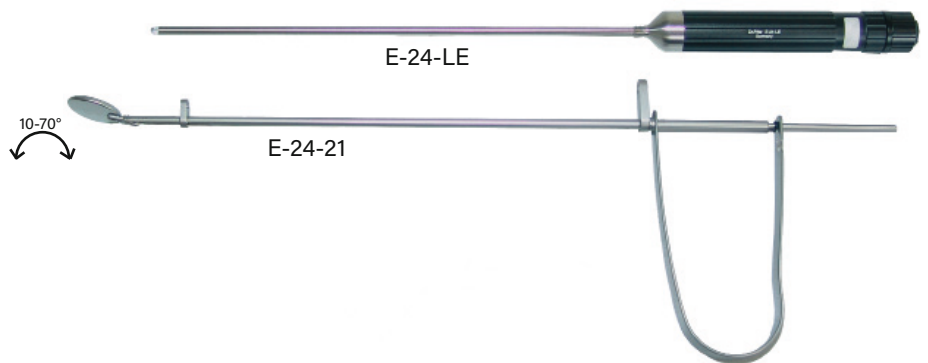
Post rhinoscopy LED mirror system

for cats and dogs



Until now examination of retro pharynx was only possible for clinics and hospitals with appropriate endoscopic equipment. The newly developed deflecting mirror system allows the average practice to perform retro pharyngoscopy. Grasping of foreign bodies or taking biopsies under visual control are possible.

Choanae mirror with LED light, independent of endoscopes



E-24-LE-SET Post rhinoscopy LED set consisting of:

- E-24-LE Light carrier
- E-24-21 Choanae mirror
- E-22-2 Choanae hook
- E-22-71 Antifog

Zubehör



E-22-2 Epiglot double hook
16 cm, for cats and middle sized dogs



E-22-71 Antifog fluid
for endoscopes and mirrors, 50 ml

K-3325-61 Special transportation case
33x25x6 cm (without picture)

Small Animal



Video- Bronchoscope

Professional bronchoscopes



WIRELESS Video Bronchoscope

With integrated video camera
and LED light

20 2025

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Dr. Fritz[®]
Wireless Endoscopes



Video Bronchoscope

Professional bronchoscopes



- ✓ Integrated sender for wireless video transmission
- ✓ Easy handling, quick cleaning & disinfection
- ✓ Fully immersible
- ✓ Up/down controlled
- ✓ Working channel

Item No.	Length	ø	Working channel	Transmission
TXBH2-36V	36cm	2,9mm	No working channel	wireless
TXBH4-54V	54cm	3,9mm	1,2mm	wireless
TXBH5-76V	75cm	5,9mm	1,8mm	wireless

Set TXBH4-54V

- Bronchoscope TXBH4-54
- Charger
- Cleaning brush
- Density tester
- Grasping forceps
- Storage case
- 7" Monitor receiver

► Several applications

see page 13



Wireless transmission





Video Bronchoscope

■ Set TXBH4-54V

Bronchoscope
OD: 3,9mm, WL: 54cm,
Fully immersible
(TXBH4-54)



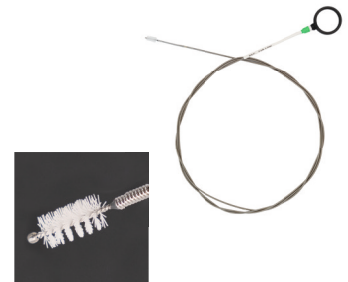
Charger
(TV27-NET)



Grasping forceps
(F12-811)



Cleaning brush
(F10-1107)



Density tester
(EF-18)



7" Monitor receiver
(TXM7-58R)



Case
56x41x11cm
(K-5041-11)



Small Animal



Video- Gastroscope

Professional gastroscopes - connection for insufflation, irrigation and suction



WIRELESS Video Gastroscope

- NextGen4 -



23 2025

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Dr. Fritz[®]
Wireless ■ Endoscopes



Video- Gastroscope

Professional gastroscopes - connection for insufflation, irrigation and suction

- ✓ Integrated sender for wireless video transmission
- ✓ Integrated video camera with LED light
- ✓ Integrated DVR
- ✓ Ergonomic body
- ✓ Easy handling, quick cleaning and disinfection

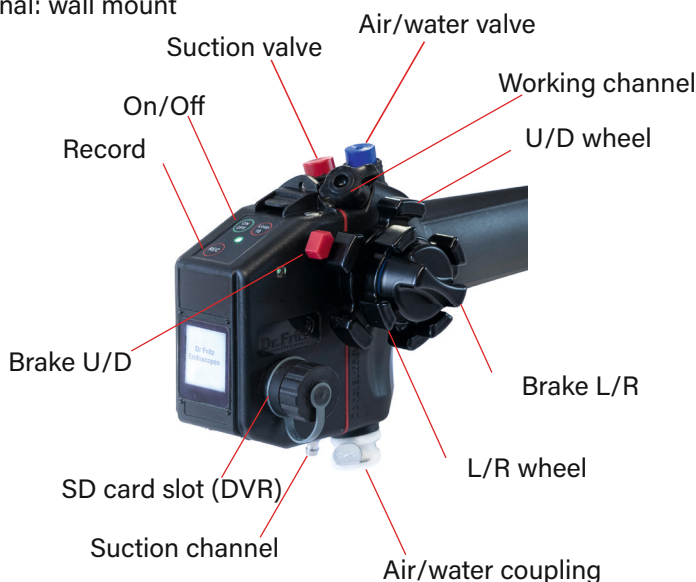
New Generation - NextGen4

- Integrated control display
- Integrated SD card slot
- Fully soakable
- Truly mobile

Item No.	Length	Ø	Working channel	Transmission
TG107-8	105cm	7,9mm	2,8mm	Wireless
TG136-9	135cm	9,8mm	2,8mm	Wireless
TG176-9	165cm	9,8mm	2,8mm	Wireless

Set TG136-9G

- Gastroscope TG136-9
- Charger
- Cleaning adaptors
- Cleaning brush
- Density tester
- Biopsy forceps
- 10" receiver-monitor, recorder
- Air/water pump
- Transportation case
- Optional: wall mount



Wireless HD transmission





■ Set TG136-9G

Gastroscope
OD: 9,8mm
WL: 1,35m
(TG136-9)



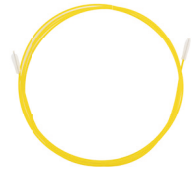
Charger
magnetic
(TV27-NET)



Cleaning adaptors
(TW132-24S)



5x Cleaning brush
(F28-280E)



Biopsy forceps
(B23-180E)



Density tester
(EF-23)



Air/water pump
(TW4-250SE)



10" Receiver-monitor,
recorder
(TXM10-58R)



Case for NextGen4
size: 56x41x11cm
(K-5641-10)





Several applications

✓ Multi receiver capable

✓ Automatic radio connection, all types of endoscopes (broncho/arthroscopes/laparoscopes)



Receiver - monitor



TXM10-58R

10" Receiver-monitor, recorder

- mSD card slot, automatic scan, battery

TXM7-60R

7" Receiver-monitor, recorder

- mSD card slot, automatic scan, battery

TXL2-580M

5" Receiver-monitor, recorder

- mSD card slot, automatic scan, battery
- With arm strap



M-LCD-22PC

21" LCD PC

- With in-built receiver and recorder

TXL1-7-NO2

Receiver for Apple & Windows

- Incl. USB grabber



M-LCD-21SK

21" Video monitor HD

- With in-built receiver for scopes

TXL1-583

TV receiver for monitor

- Video-Out

TGR-40

Multi HD radio receiver

- HDMI out



Additional equipment

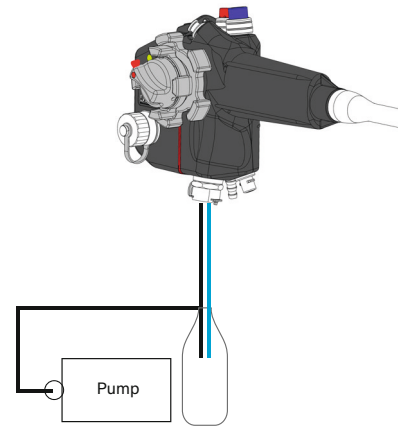
Video Gastroscope

Air/water pump

For lens cleaning and inflation

TW4-250SE

- Air/water pump (H150-1-1)
- Air/water twin tube (TW4-133)
- Fixation for bottle (TW4-261H)
- Bottle 250ml (TW4-250)

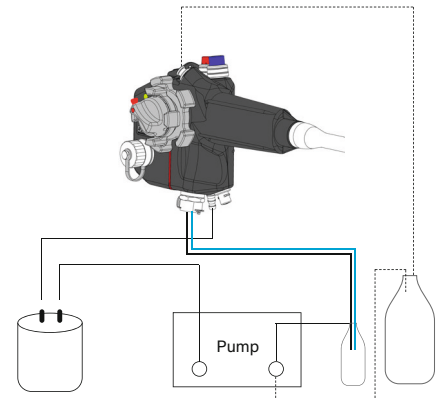


Suction-/irrigation pump

For lens cleaning, inflation and suction.
For small and large animal practice.

H140-3S

- Suction & irrigation pump (H140-3)
- 1 li. suction bottle (H160-AB-43)
- 1 li. flushing bottle (H160-AB-7)
- Tubes & transformer
- Sterile filter (AR-10-922)



Wall mount, inductive charging

For perfect storage

TGX-25S

- Wall mount
- Power supply





Additional equipment

Video Gastroscope

■ Catheter, injection needle, guttural pouch probe


F20-220

Teflon catheter
with luer-lock connector

- OD: 2 mm, WL: 235 cm
- autoclavable

F20-219

Spare catheter

- OD: 2 mm, WL: 10 m
- autoclavable

LLW-1220

Luer-lock connector

- Female OD: 2 mm
- Autoclavable


F22-16045

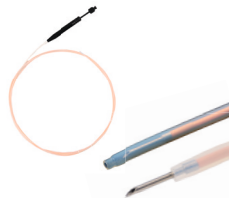
Guttural pouch probe

- OD: 2,2 mm, WL: 165 cm

F22-22046

Guttural pouch probe

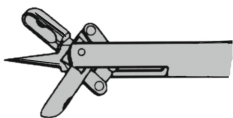
- OD: 2,2 mm, WL: 230 cm


F231-220

Injection needle with teflon tube,
luer-look connector

- OD: 2,2 mm, WL: 235 cm,
Needle: 0,9x6 mm

■ Biopsy-grasping forceps, hooks, brush


B22-16011

Biopsy forceps with spike

- OD: 2,4 mm WL: 165 cm

B22-22011

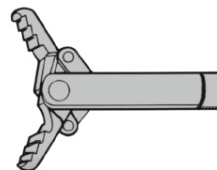
Biopsy forceps with spike

- OD: 2,4 mm WL: 230 cm

B23-3601

Biopsy forceps with spike

- OD: 2,3 mm WL: 360 cm


F22-16041

Grasping forceps

- OD: 2,2 mm WL: 160 cm

F22-22041

Grasping forceps

- OD: 2,2 mm WL: 230 cm

F23-3604

Grasping forceps

- OD: 2,3 mm WL: 360 cm


B23-180E

Disposable biopsy forceps
steril

- OD: 2,3 mm WL: 180 cm

B23-230E

Disposable biopsy forceps
steril

- OD: 2,3 mm WL: 230 cm


F23-16042

Grasping forceps
„foreign body“

- OD: 2,3 mm WL: 160 cm

F23-22042

Grasping forceps
„foreign body“

- OD: 2,3 mm WL: 235 cm



Additional equipment

Video Gastroscope

FK23-1635

Basket size: 4,5 x 6cm

6 wires

- OD: 2,2mm WL: 160 cm



FK23-1637

Basket size: 5 x 10cm

6 wires

- OD: 2,3mm WL: 160 cm

FK23-2035

Basket size: 4,5 x 6cm

6 wires

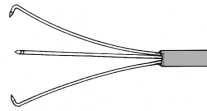
- OD: 2,3mm WL: 230 cm

F22-16040

Grasping forceps

3 hooks

- OD: 2,2 mm WL: 165 cm



F22-22040

Grasping forceps

3 hooks

- OD: 2,2 mm WL: 230 cm

F28-1709

Cleaning brush

- OD: 2,6-3,5mm WL: 150 cm



F28-2208

Cleaning brush

- OD: 2,6-3,5mm WL: 230 cm



F28-3008

Cleaning brush

- OD: 2,6-3,5mm WL: 330 cm

F28-280E

Disposable cleaning brush

steril, 10pcs./pack

- OD: 1,8-2,8mm WL: 210 cm

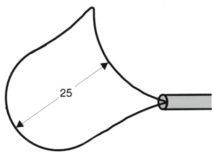


For high frequency surgery

SL23-2310

Asymetric polypectomy snare complete with tube, without handle

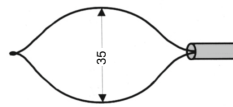
- OD: 2,2mm, WL: 230cm wide: 25mm



SL23-1612

Symetric polypectomy snare complete with tube, without handle

- OD: 2,2mm, WL: 165cm wide: 35mm



SL23-2312

Symetric polypectomy snare complete with tube, without handle

- OD: 2,2mm, WL: 220cm wide: 35mm

HF22-1601

Suction-coagulation electrode monopolar, luer-lock connector

- OD: 2,2 mm, WL: 165 cm



HF-301-ER

HF- connecting cord

monopolar, com. to Erbe units 4mm

- Lenght: 3 m



HF22-2301

Suction-coagulation electrode monopolar, luer-lock connector

- OD: 2,2 mm, WL: 235 cm

HS11-1200

Handle for polypectom, HF snares

- standard connections





Additional equipment

Video Gastroscope

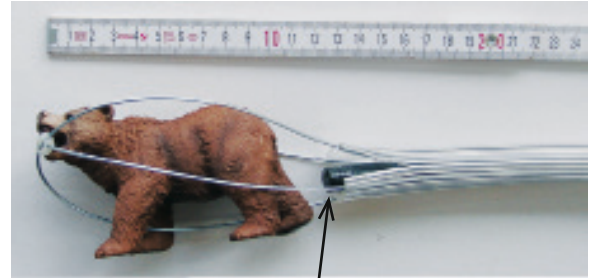
■ Brugman's foreign body catcher

for removing of foreign bodies
compatible to gastroscopes

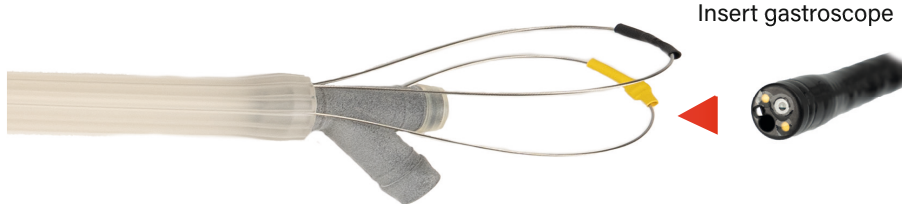
FK-15-90 Brugman's foreign body catcher, short
90cm, OD:24mm, single use, 1 piece

FK-15-135 Brugman's foreign body catcher, long
135cm, OD:24cm, ID:15mm, 1 piece

compatible to gastroscopes
different manufacturers with OD <13mm



Gastroscope



* patent pending

- Attention: disposable product
return shipment not accepted.

X-46-00 Foreign body protection cap
for gastroscopes Ø 9-11 mm





Additional equipment

Video Gastroscope

■ For rigid and flexible endoscopes

DE-10-702 Dr. Fritz enzymatic cleaning flex,
1,5%, 1 litre, 7 enzymes, 0,5%,
for daily manual and automated cleaning



DE-10-300 Disinfection solution ,
for flexible and rigid endoscopes.
for manual and automated use,
1-3% dilutions, 5 litres

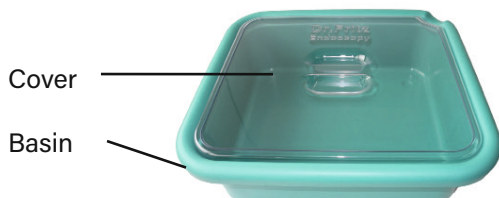


■ Option for cleaning of flexible endoscopes in the field

Disinfection-, transportation & storage basin

for flexible endoscopes

- For manual & semi-automatic cleaning
- Can also be used for cleaning machines
- Favourable
- For all endoscope types
- Can be integrated as a drawer
- With air vent
- Stackable



Stackable



DE-17-44S Basin for cleaning, transportation and
storage for flexible endoscopes
50x44x16 cm,

consisting of:
Basin (DE-17-44)
Cover, transparent (DE-17-41)



NEW!

Video hook grasper

The first video foreign body forceps for small and large patients

- For large item retrieval
- Rounded and self closing jaws
- Distal end curved
- Easy connectable to any video monitor
- Luer air connection



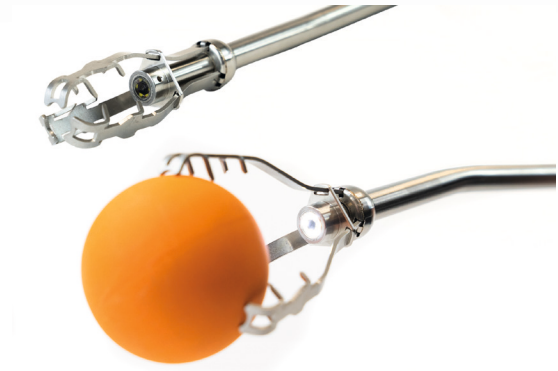
Video 3-hook grasper set, large

FK106-21S

- Ø 22mm, WL: 1,1m
- 3m video-/power cable & power adapter (110-230VAC;50/60Hz)
- Video cable with cinch
- Not soakable

Set consisting of:

- Video 3-hook grasper (FK106-21)
- Inflation pump (H150-1-1)
- 7" monitor with accu (TXM7-59A)



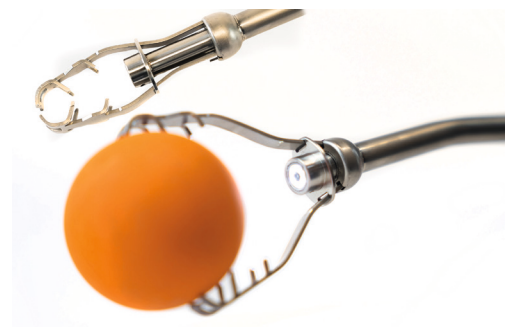
Video 2-hook grasper set, small

FK187-19S

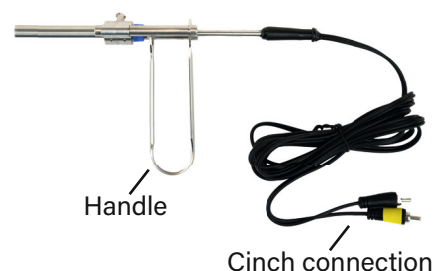
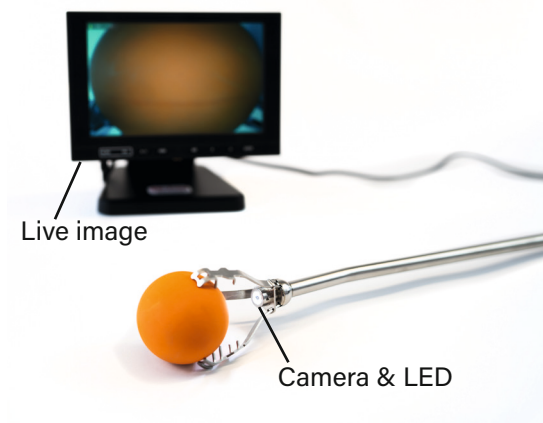
- Ø 25x19mm, 65 Charr, WL: 87cm
- 3m video-/power cable & power adapter (110-230VAC;50/60Hz)
- Video cable with cinch
- Not soakable

Set consisting of:

- Video 2-hook grasper (FK187-19)
- Inflation pump (H150-1-1)
- 7" monitor with accu (TXM7-59A)



Video hook grasper also available individually



Small Animal



Compact Video-Vaginoscope TCI

Set universal for all dog sizes - transcervical insemination acc. to Blendingner



WIRELESS Compact Video-Vaginoscope

Special TCI system for transcervical
insemination acc. to Blendingner



Compact Video-Vaginoscope TCI

Set universal for all dog sizes - transcervical insemination acc. to Blending



- ✓ Battery replaceable
- ✓ Control display on the endoscope
- ✓ Integrated sender 5,8 GHz
- ✓ Integrated LED light
- ✓ Easy handling & quick cleaning
- ✓ Fully immersible

Control display

Working channel with
Luer connection



Battery replaceable

Compact Video-Vaginoscope & special TCI system for transcervical insemination, acc. to Blending, 36cm micro endoscope with integrated video camera and LED light and wireless video transmission.

■ Set (SET-GY-5VI)

- Compact Video-Vaginoscope
- 2 spare batteries
- Charging station
- Charger
- Sheath D:7mm
- Sheath D: 13mm
- Protection sheath
- 3 way stopcock
- Silicon cap
- Catheter, 1,6mm
- Cleaning brush
- 10" monitor receiver

▷ Several applications

see page 13

Wireless video transmission





Compact Video-Vaginoscope TCI

Set universal for all dog sizes - transcervical insemination acc. to Blenderger

Set

Compact Video-Vaginoskop (TA36-4-3)
OD: 4,9 mm x 3,6mm, 13 Charr
WL: 36cm
Working channel: 2,6mm
Battery replaceable



Charger
(97-FU14EU)



Charging station
(TVG-4)



Sheath for vaginotomy
OD:7mm, 29cm
(TA36-45S)



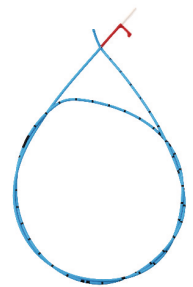
Sheath for vaginotomy
OD:13mm, 30cm
(TA36-49S)



3 way stopcock
(Y-LL-1273H)



Special catheter
OD: 1,6 mm, WL: 69cm
Angled tip, olive end
(F12-69)



10" Monitor receiver
incl. recorder & accu
(TXM10-58R)



Cleaning brush
OD: 2,0 mm
WL: 115cm
(F20-181E)



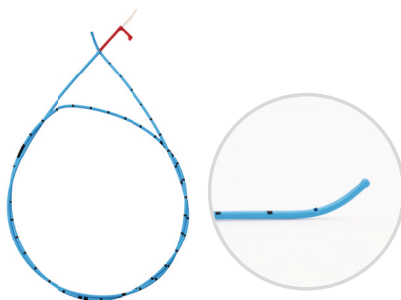


Accessories

Video Vaginoscope

Special catheter
OD: 1,3 mm, WL: 69cm
angled tip, olive end
(F11-69)

Special catheter
OD: 1,6 mm, WL: 69cm
angled tip, olive end
(F12-69)



Special catheter for insemination
OD: 1,6 mm, WL: 50cm
straight end, connection LL(f)
(F16-50)



Flexible biopsy forceps
OD: 2 mm, WL: 35cm
(B18-33)



Three way stopcock
plastic, disposable, non steril
Package of 10 pieces
(LL-1273H)



One way stopcock
plastic, disposable, non steril
Package of 10 pieces
(LL-1271H)



Sealing cap for working channel
opening 1mm,
Package of 5 pieces
(TR-60-1D)



Transportation case for vaginoscope
without picture
(K-3325-62)



Gynecology, Vaginoscopy & AI

Rigid endoscopes for medium and large dogs

■ Video Vaginoscope with sheath



TV27-5SET

Video Vaginoscope/Laparoscope
0°, OD: 5mm, WL: 27cm,
cordless generation with exchangeable battery,
with LED light, 5,8 Ghz

Consisting of:

- Compact Vaginoscope/Laparoscope (TA27-5)
- Charging station (TVG-4)
- 2x battery (TVG-36)
- Outer sheath 12mm (STV27-51)
working channel: 5,6mm, WL: 27cm
- Vaginoscope sheath (STV27-5V)
- Small air pump (H150-1-1)
- Power adapter (TV27-NET)
- 10" Receiver monitor (TXM10-58R)

Working channel



LED light

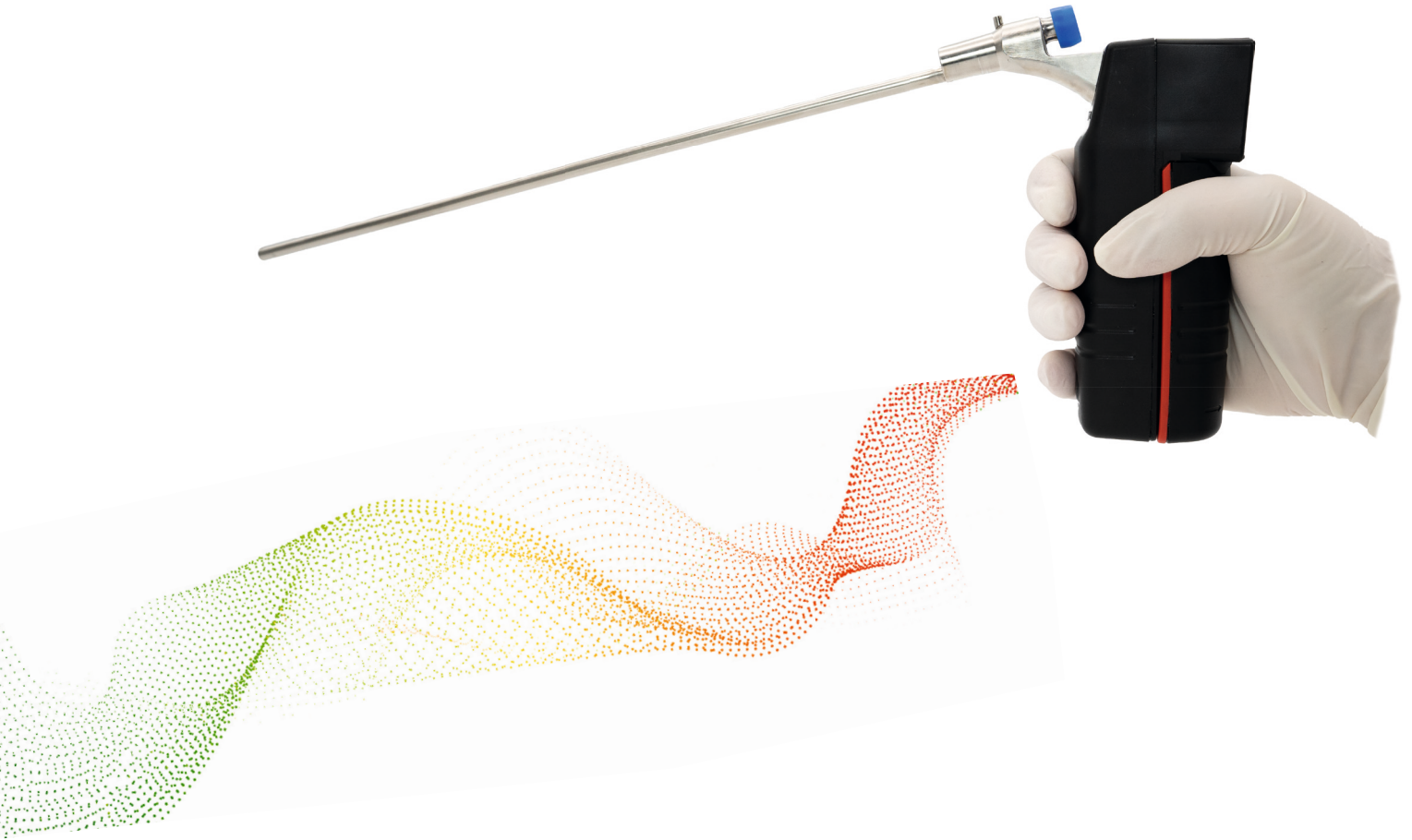


Small Animal



Laparoscopy / Thoracoscopy

Endoscopes and instruments for minimally invasive surgery



WIRELESS Video- Laparoscope

for small animals



Laparoscopy / Thoracoscopy

Telescopes for diagnostic and surgery

■ Video Laparoscope, wireless



TV27-5SET

Video Laparoscope/ Vaginoscope
0°, OD: 5mm, WL: 27cm,
cordless generation with exchangeable battery,
with LED light, 5,8 Ghz

Consisting of:

- Compact Vaginoscope/Laparoscope (TA27-5)
- Charging station (TVG-4)
- 2x battery (TVG-36)
- Outer sheath 12mm (STV27-51)
 working channel: 5,6mm, WL: 27cm
- Vaginoscope sheath (STV27-5V)
- Small air pump (H150-1-1)
- Power adapter (TV27-NET)
- 10" Receiver monitor (TXM10-58R)

Working channel



LED light





Laparoscopy / Thoracoscopy

Trocar cannulas with magnetic valve, safety trocars

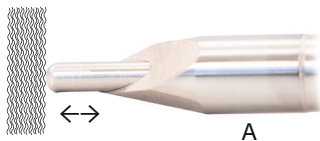
Trocar cannulas are designed with different types of valves to reduce or to avoid CO₂ loss when changing instruments and telescope during laparoscopy and thoracoscopy. Our reusable and patented magnetic valve trocar system has several advantages compared to other valve types. First of all they are light in weight and because of the valve construction, the insertion of instruments and scopes will pass smoothly through with out scratching or touching the front lens like in a ball system or in a so called automatic valve system. In addition there is nearly no gas loss even when changing instruments. There are no mechanical parts to clean inside except the magnetic flap itself which is a great help to your staff.

Inner diameter 5,5mm

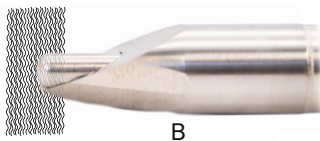
for standard 5mm instruments

- 231-213V** **Cannula only** with magnetic valve, ID: 5,5 mm, 7 cm, stainless steel, stopcock, 40 g
- 231-212V** **Cannula only** with magnetic valve, ID: 5,5 mm, 7 cm, 30 g (without picture)
- 231-137V** **Safety trocar only "Cavi Safe"**
cork screw handles, compatible with cannulas
ID: 5,5 mm, WL: 7 cm, fully dismantable
- 231-105V** **Trocar only with sharp tip**, compatible with
Canully only ID: 5,5 mm, WL: 7 cm (without picture)

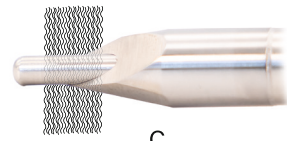
- Light in weight
- Ideal for small animals



A

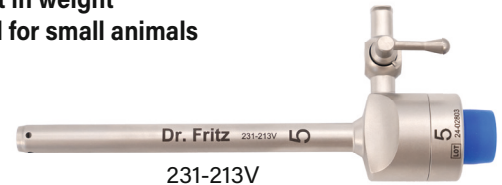


B



C

Tissue pressure exposes the sharp tip



231-213V



231-137V

Safety trocar

Inner diameter 10mm

for telescopes and 10,, instruments

- 230-212V** **Cannula only** with magnetic valve,
ID:10 mm,WL: 7 cm, inflation stopcock, 55 g
- 230-213V** **Cannula only** with magnetic valve,
ID: 10 mm, WL: 7 cm, 45 g, (without picture)
- 230-137V** **Safety trocar only** with cork screw handles,
compatible to cannulas ID: 10 mm, WL: 7 cm,
fully dismantable
- 230-105V** **Trocar only** with pyramidal tip for cannulas
ID: 10 mm, NL: 7 cm



230-137V



230-212V



230-105V

Inner diameter 13mm

for telescopes and 13mm instruments

- 637-232** **Cannula only** with magnetic valve,
ID:13 mm, WL: 10 cm, inflation stopcock, Trinox
- 237-173** **Canulla only** with pyramidal tip for cannulas
ID: 13 mm, WL: 10 cm



637-232

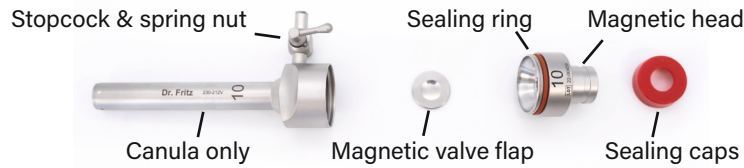
















237-173



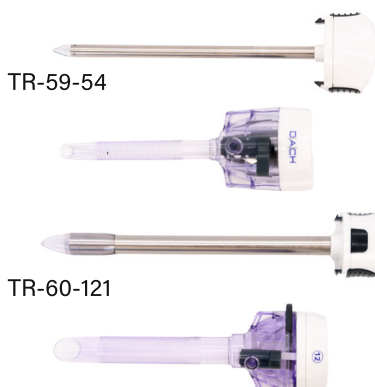
Laparoscopy / Thoracoscopy

Accessories, Trocar disposable



231-211 Sealing caps for Ø 5,5mm, blue Package of 10 pieces		631-901 Magnetic valve body , Ø 5mm With Magnetic Head-/valve flap & sealing caps	
234-211 Sealing caps for Ø 8mm, white Package of 10 pieces		634-901 Magnetic valve body , Ø 8mm With Magnetic Head-/valve flap & sealing caps	
230-211 Sealing caps for Ø 10mm, red Package of 10 pieces		630-901 Magnetic valve body , Ø 10mm With Magnetic Head-/valve flap & sealing caps	
231-215 Magnetic valve flap for Ø 5,5mm cannulas Package of 2 pieces		630-902 Spare stopcock Complete with spring nut	
230-215 Magnetic valve flap for Ø 8/10/11/12/13 mm cannulas Package of 2 pieces		630-903 Spare spring nut	
236-217 Sealing ring for Trinox trocar cannulas for Ø 3,5mm & 5,5mm Package of 5 pieces		230-217 Sealing ring for Trinox trocar cannulas for Ø 8, 10, 11, 12, 13mm Package of 5 pieces	
230-505 Snap reducer for cannulas from Ø 10mm to 5,5mm		237-510 Snap reducer for cannulas from Ø 13mm to 10mm	

Trocar disposable 5,5mm & 12,5mm



TR-59-54 **Trocar disposable**, ID: 5,5mm, WL: 7 cm, with spike, LL(f), inflation stopcock, package of 8 pieces

TR-60-121 **Trocar disposable**, ID: 12,5mm, WL: 10cm, with optical spike, no blade, 12-8/-5 mm, LL(f) inflation stopcock, package of 6 pieces



Laparoscopy / Thoracoscopy

Palpation and Puncture

Laparoscopy first puncture needle

L-19-100 Veress needle
OD: 2,1 mm, 10 cm, LL(f)



L-218



L-210



L-218R



Injection cannula



Injection system and probe

L-210 Injection cannula
thin, 1x26 mm, 2 pieces

L-33-210 Injection system and probe
5 mm, 33 cm, protected interchangeable needle, consisting of:

L-218 Injection cannula
large, 1,9x26 mm, 2 pieces

L-33 Inside tube, LL, connector

L-33-2 Outer tube/probe

L-210 Needle, 1 piece (1x26mm)

L-218R Injection cannula
rounded, 1,9x28 mm, 2 pieces

Mini instrument for two portal technique in laparoscopy, 2,4mm

L-24-23 Needle with mini grasping forceps
OD: 2,4 mm, WL: 23 cm





Laparoscopy / Thoracoscopy

Standard instruments, 5mm

**We are currently optimizing our 5 mm instruments for you.
Individual components may be available upon request — feel free to contact us!**

H 01/H 05

Plastic handles

- With or without lock
- HF connector
- Colour coding for scissors



- Long life span
- Compatible to 5mm trocar cannulas

Tubular sheaths

- 5 mm Ø
- Different working lengths
- Rotatable through 360°
oder feststehend
- Insulated



Each jaw insert and outer sheath can be used with any type of handle.

Complete instruments, fully dismantable

Scissors

- 531.04H05V** **Hook scissors**, 5mm, 33cm, single action jaws, insulated, rotatable, dismantable, high quality, consisting of:
jaws insert (53M04), sheath (53 R 1)
handle (H05), color code:white



Biopsy forceps

- 531.61H01V** **Biopsy forceps**, 5mm, 33cm, double action jaws, dismantable, consisting of:
jaws insert (53M60), sheath (53R1)
handle (H01), color code:black





Laparoscopy / Thoracoscopy

Standard instruments, 5mm

**We are currently optimizing our 5 mm instruments for you.
Individual components may be available upon request — feel free to contact us!**

■ Universal dissection forceps

531.40H01V Dissection forceps (Maryland) Ø 5 mm, WL: 33 cm
curved, insulated, rotatable, dismantable,
consisting of:
jaws insert (53M40), sheath (53R1)
handle (H01) colour code: black



Dissecting forceps, strong Ø 5mm, WL: 33cm
curved, for use with 8 & 10mm trocars
consisting of:
jaws insert (53M37), sheath (53R1)
handle (H01) colour code: black



531.22H01V Grasping forceps, universal Ø 5 mm, WL: 33 cm
insulated, rotatable, zerlegbar, dismantable
consisting of:
jaws insert (53M22), sheath (53R1)
handle (H01) colour code: black



Bowel grasping forceps Ø 5 mm, WL: 33 cm
insulated, rotatable, zerlegbar, dismantable
consisting of:
jaws insert (53M36), sheath (53R1)
handle (H01) colour code: black



Grasping forceps insert Ø 5 mm, WL: 33 cm
front hooks
consisting of:
jaws insert (53M24), sheath (53R1)
handle (H01) colour code: black



Atraumatic grasper Taccun, Ø 5 mm, WL: 33 cm
insulated, rotatable, zerlegbar, dismantable
consisting of:
jaws insert (53M25), sheath (53R1)
handle (H01) colour code: black



DeBakey grasping forceps Ø 5mm, WL: 33cm
consisting of:
jaws insert (53M35), sheath (53R1)
handle (H01) colour code: black





Laparoscopy / Thoracoscopy

Palpation

Knot tier and cutter



L-19-534

Knot tier, standard version,
OD: 5 mm, WL: 29 cm, easy filling,
suture size up to 1metric

Easy handling, easy to tighten, additional cutting

Needle holders

Axial handle, ergonomic, stable, O D: 5mm

- Easy Clean System
- Needle self positioning



L-19-561

Needle holder, straight
Ø 5mm, WL: 22cm, axial handle
LL cleaning connector



L-19-563

Needle holder, angled upwards
Ø 5mm, WL: 22cm, axial handle
LL cleaning connector





Special devices - High Frequency Surgery

High frequency unit, High speed, Typ Atom

High frequency unit, High speed - with vessel sealing technique. Parallel usage of all outputs.

- Adapter for instruments other manufacturers on request

- uncomplicated use
- up to date safety regulation
- vessel sealing with confirmation signal
- compatible to all instruments on the market
- program via Touch Screen
- SDS self detecting system

Vessel Sealing



HF-401-TH HF/Radio frequency unit, High End Thermo Stapling (vessel sealing), touch-screen programmable, latest mono & bipolar technique
SDS - self detecting system
incl. high speed vessel sealing delivery without accessories, 400W, 230VAC, 50/60Hz

Specifications:

Monopolar	Cutting	400 W
	Coagulation	200 W
	Soft/Forced	+ / +
Bipolar	Cutting	400 W
	Coagulation	200 W
	Auto Start/Stop	+ / +
Bipolar	Thermo-Stapling	+ 300 W
	Thermo sealing	+
	Auto Stop	+
Weight	7 kg	
max. power		420 W



Special devices - Inflator

CO₂ Inflator, electronically monitored

- small and large animal
- reusable tubing
- bacterial filter
- economical



741-025V CO₂ Inflator, electronically monitored,
max. 20 litre, complete without bottle
automatic pressure reduction system,
DIN gas connection type,
115-230 VAC, 50-60Hz,
DIN IEC 601/1, DIN VDE 871

Accessories



741-009-1 Spare Silicon tube, 3m, for CO₂ inflation,
incl. connector, autoclavable

741-009-FF Sterile filter system for CO₂ -inflator
disposable, box with 50 pcs.
medical connection D:22mm

741-002 CO₂ high pressure tube, 1m
DIN connector, screw both sides

741-009V-PN CO₂ high pressure tube, 0,8m
compatible to PIN Index bottle (without picture)



* Sterile product -
return shipment not accepted



Laparoscopy/Thoracoscopy

Complete set with video laparoscope - wireless

Basic set without camera system and light source

SET-K-LA-B1

Laparoscopy set, small animals, conventional for standard 2 portal technique complete, but without video camera and light source

consisting of:

- Wide angle telescope 30°/5mm/28cm (T281-5030)
- Safety trocar complete, 5,5mm (231-213V & 231-137V)
- Safety trocar complete, 10mm (230-212V & 230-137V)
- Trocar reducer 10/5 (230-505)
- Veress needle, 10cm (L-19-100)
- Grasping forceps, 5mm
- Metzenbaum scissors, 5mm
- Preparation forceps, 5mm
- CO2 Inflator, electronically monitored 20l (741-025V)



Option:

SET-K-LA-B2

same as SET-K-LA/VA1 + HF vessel sealing, type Atom incl. sealing MIC instrument 5mm

Complete set with video Laparoscope - wireless

SET-K-LA/VA1

Universal Laparo-/Vaginoscope SET, for all laparoscopic approaches in small animals, for 1 & 2/3 portal technique and transvaginal laparoscopy

consisting of:

- LED Video Laparo. 0°/5mm/28cm (TA27-5)
- Working sheath 12mm (STV27-51)
- Safety trocar complete, 5,5mm (231-213V & 231-137V)
- Trocar disposable (TR-60-121)
- Veress needle, 10cm (L-19-100)
- Needle with mini grasping forceps (L-24-23)
- Grasping forceps, 5mm
- Metzenbaum scissors, 5mm
- Preparation forceps, 5mm
- CO2 Inflator, electronically monitored 20l (741-025V)
- 22" receiver/PC/recorder



Option:

SET-K-LA/VA2

same as SET-K-LA/VA1 + HF vessel sealing, type Atom incl. sealing MIC instrument 5mm



Arthroscopy

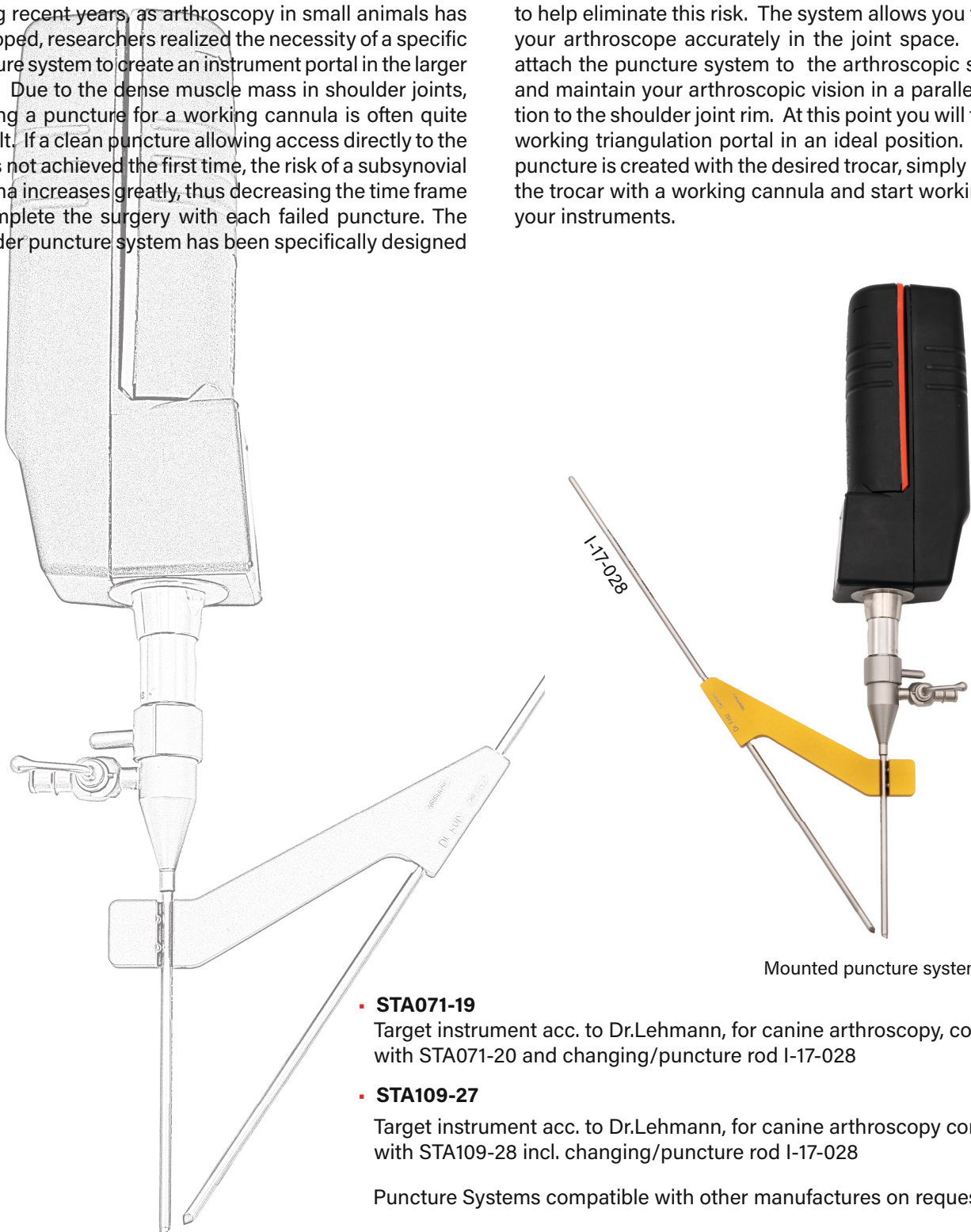
Puncture System acc. to Dr. Lehmann for the canine shoulder joint

Innovation in small animal arthroscopy

Developed and tested at the Veterinary Faculty of Vienna, Austria

During recent years, as arthroscopy in small animals has developed, researchers realized the necessity of a specific puncture system to create an instrument portal in the larger joints. Due to the dense muscle mass in shoulder joints, creating a puncture for a working cannula is often quite difficult. If a clean puncture allowing access directly to the joint is not achieved the first time, the risk of a subsynovial oedema increases greatly, thus decreasing the time frame to complete the surgery with each failed puncture. The shoulder puncture system has been specifically designed

to help eliminate this risk. The system allows you to align your arthroscope accurately in the joint space. Simply attach the puncture system to the arthroscopic sheaths and maintain your arthroscopic vision in a parallel direction to the shoulder joint rim. At this point you will find the working triangulation portal in an ideal position. After a puncture is created with the desired trocar, simply replace the trocar with a working cannula and start working with your instruments.



- **STA071-19**

Target instrument acc. to Dr. Lehmann, for canine arthroscopy, comp. with STA071-20 and changing/puncture rod I-17-028

- **STA109-27**

Target instrument acc. to Dr. Lehmann, for canine arthroscopy comp. with STA109-28 incl. changing/puncture rod I-17-028

Puncture Systems compatible with other manufactures on request.



Arthroscopy

Irrigation and Working Cannulas, Trocar Changing System acc. to VAN BREE

The trocar changing system acc. to VAN BREE allows the specific exchange of different working cannulas. Beginning with the smallest diameter, the surgeon can always change to a bigger diameter by using the changing rods. According to the different joints a so called „elbow set“ (working length 3,5-5 cm) and a „shoulder set“ (7-7,5 cm) is differentiated. In addition it is possible to change the working portal with the telescope portal using the changing rod. The color code system allows easy size differentiation.

Set I-17-755

Working cannula set „**shoulder and elbow**“ acc. to van BREE consisting of:

- Set I-17-500
- Set I-17-700

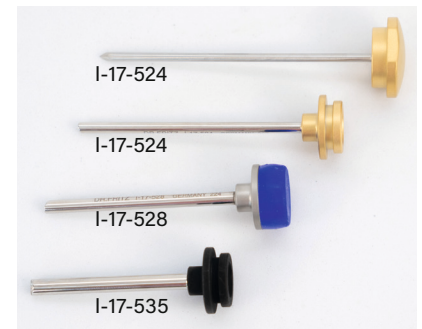
Complete set



Set I-17-500

Working cannula set „**elbow**“ acc. to van Bree, consisting of:

- **I-17-524**
Working cannula incl. sharp obturator ID: 2,3mm WL 5,5cm, gold
- **I-17-528**
Working cannula ID: 2,9mm WL 4,8cm, metal
- **I-17-535**
Working cannula ID: 3,5mm WL 3,5cm, schwarz
- **I-17-024**
Changing rod 2,3mm round / pointed, gold

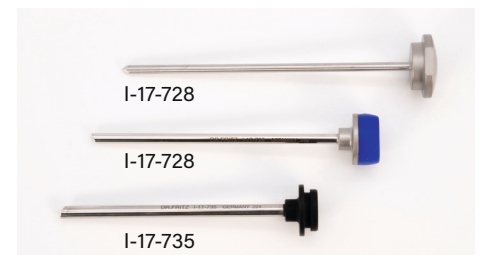


I-17-024

Set I-17-700

Working cannula set „**shoulder**“ acc. to van Bree, consisting of:

- **I-17-728**
Working cannula incl. sharp obturator ID: 2,9mm WL 7,5cm, metal
- **I-17-735**
Working cannula ID: 3,5mm WL 6,8cm, black
- **I-17-028**
Changing rod 2,9mm round / pointed, metal



I-17-028

I-17-535-G

Working cannula with thread ID:3,5mm, WL:3cm (can replace I-17-535)



I-17-735-G

Working cannula with thread ID:3,5mm, WL:6,8cm (can replace I-17-735)



I-17-002

Sealing caps for small trocar cannulas opening: 2mm 5pcs.





Arthroscopy

Hand instruments



Hand instruments with colour coding are easy to recognize and perfectly to use in small and in large joints according to the patient sizes.

- ✓ Easy handling
- ✓ Ergonomic design
- ✓ For universal use
- ✓ Suitable for Dr. Frizu working cannulas



■ AR-17-03S

Bajonett knife 2,7mm, silicon handle, autoclavable



■ AR-17-05S

Banana knife, 2,7mm, silicon handle, autoclavable



■ AR-17-06S

Curette, small 2,7mm, silicon handle, autoclavable



■ AR-17-07S

Ring curette, 2,7mm, silicon handle, autoclavable



■ AR-17-09S

Hook probe, 2,2mm, silicon handle, autoclavable



■ AR-17-11S

Smilie knife, 2,7mm, silicon handle, autoclavable



■ AR-17-12S

Mikro picking knife, acc. to Dr. Beale, 2,7mm, silicon handle, autoclavable



■ AR-17-19S

Hook knife, 2,7mm, Silicon handle, autoclavable





Arthroscopy

Hand instruments

Elevator

AR-17-13

Special elevator, 2,7mm,
with handle, metal



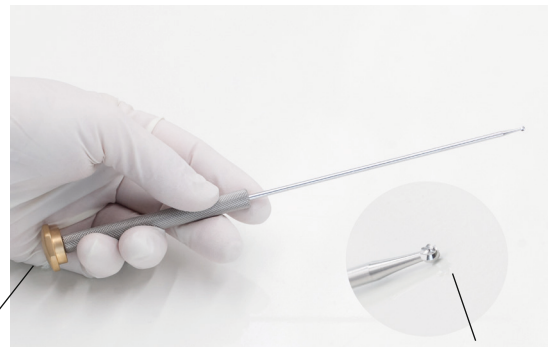
Milling Drill acc. to VAN RYSEN & VAN BREE

The latest development allows cartilage and bone curettage even through the smallest working cannula

I-17-822

Milling drill for arthroscopy, acc.to van RYSEN
D: 2,2mm, WL: 12cm
with rotating handpiece, long lasting drill steel, dismantable
Consisting of: handpiece (I-17-820) and milling drill (I-17-821)

Rotating handpiece



Changeable drill

Instruments for high frequency

Mono-/Unipolar
HF/RF cutting electrodes, the electric knife

HF-200-055

High frequency connecting cord comp. to arthroscopic
cutting electrodes, handles length: 5 m,
for units with 4 mm connector



HF-200-45

High frequency cutting electrode for
arthroscopy, 45°, fine tip 4 mm connector, 12 cm



HF-200-90

High frequency cutting electrode for
arthroscopy, 90°,
heavy version 4 mm connector, 12 cm



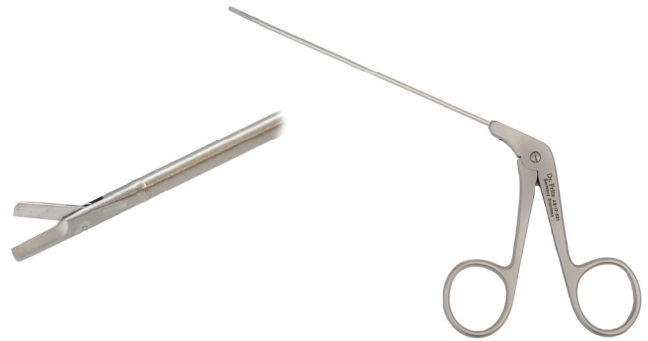


Arthroscopy

Punches, Biopsy Forceps, Rongeurs and Grasping Forceps

2mm Instruments

- **AS-17-521**
Mini scissors - high performance -
D: 2mm, WL:11cm



2,2/2,7 mm Instruments

- **AT-19-231**
Mini-Rongeur - high performance -
D: 2,2/2,7mm, WL:11cm
Overstraining protection, cleaning connector



2,7 mm Instruments

- **AS-17-632**
Universal rongeur and grasping forceps
D: 2,7 mm, WL:12cm
- with overstraining protection -



- **AS-17-641**
Rongeur and biopsy forceps,
D: 2,7 mm, WL: 12cm
- with overstraining protection -



- **AS-17-672**
Arthroscopic punch,
D: 2,7 mm, WL:12cm
- with overstraining protection -



- **AS-17-621**
Arthroscopic punchh,
D: 2,7 mm, NL:12cm

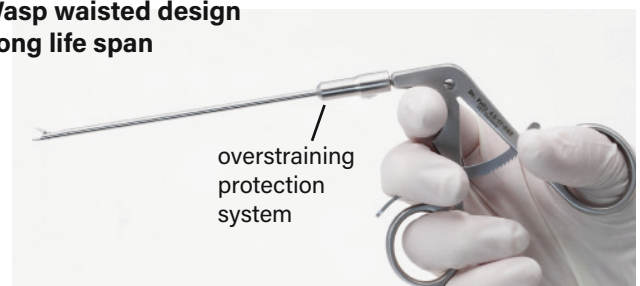


- **AS-17-662 - mit Sperre** -
Alligator grasping forceps,
D: 2,7 mm, WL:12cm
- with overstraining protection -



Handle with ratchet
ergonomic and
small grip

- **Overstraining protected**
- **Wasp waisted design**
- **Long life span**





Arthroscopy

Punches, Biopsy Forceps, Rongeurs and Grasping Forceps

3,4 mm Instruments

AT-19-343

Maxi-Rongeur -high performance-
D:3,4 mm,WL:12 cm, with overstraining protection,
cleaning connector



AS-17-762

Rongeur, universal & grasping
D:3,4mm,WL:12cm,
with overstraining protection



3,5 mm Instruments

AY-19-463

Arthro grasper, grooves,
D:3,5 mm, WL:10 cm,
conical pointed, with maximum power
U-shaped construction



- ✓ Easy cleaning
- ✓ Fine and extremely strong
- ✓ Ergonomically adapted with lock

AY-19-451

Arthro punch, straight,
D:3,5 mm, W L:10 cm
conical pointed, with maximum power cut
U-shaped construction



4,0 mm Instruments

AY-19-452

Arthro punch, bent upwards, D:4 mm, WL:10cm
conical pointed, with maximum power cut
U-shaped construction

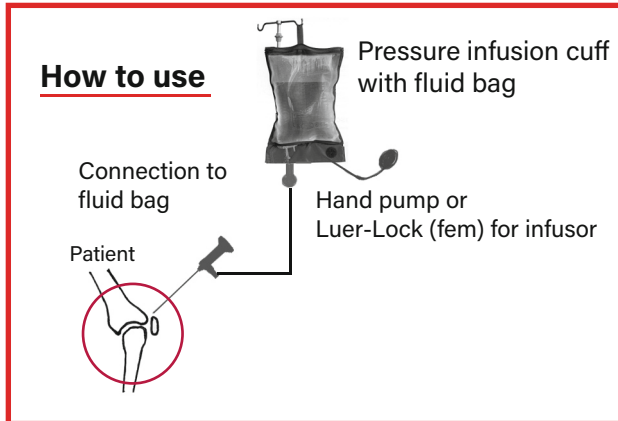




Arthroscopy

Fluid Supply System for Arthroscopy

Manual fluid supply system



One of the cheapest options for liquid supply

Pressure Infusion Cuffs



- **AR-08-100N Pressure infusion cuff**
for 500-1000ml with manometer and hand pump reusable high quality manufacturing

▷ For high flow fluid supply, please use big infusion tubes

Accessories



I-18-518

- **I-18-518 Egress cannula**
with sharp trocar stopcock,
ID: 2,7mm, WL: 7cm

Connection: Fluid bag to arthroscope



AR-10-948

- **AR-10-948 Silicon tube**
D: 6x2 mm, WL:3 m, autoclavable,
Luer-Lock (m), needle f. sterile bags/bottles,
large inner diameter

- **X-7-20-10 Silicon spare tube**
Silicon spare tube, 100cm, large
inner diameter, size: 6x2mm, color: natur



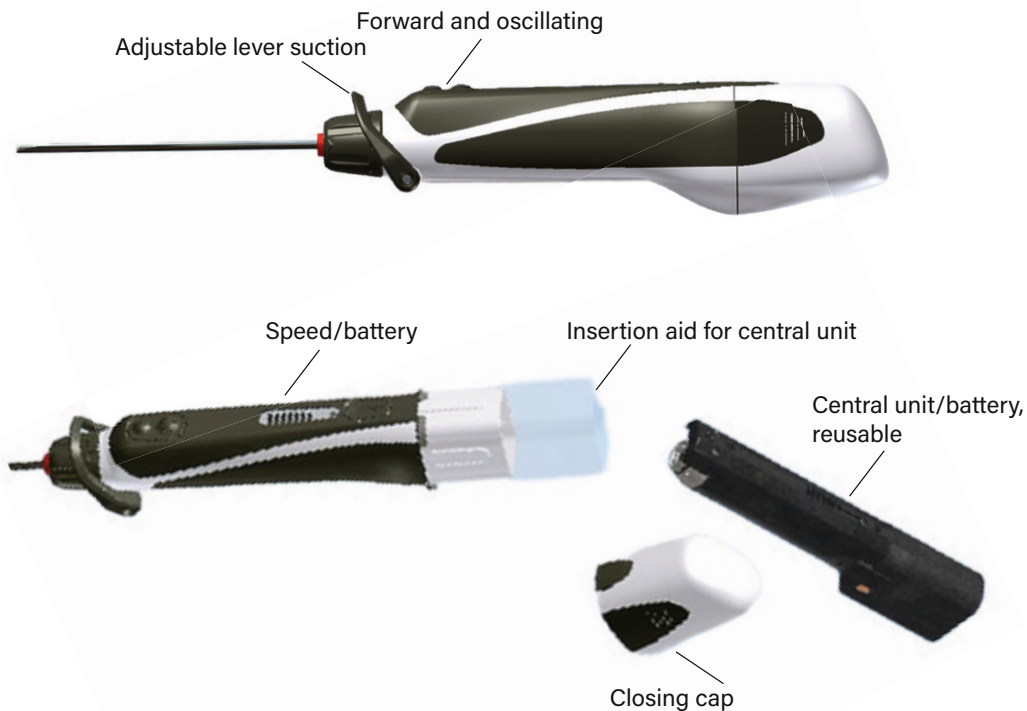
AR-10-9

- **AR-10-9 Needle for infusion bottles/bags**
ID: 4 mm, compatible to silicon tubes 3,5-5 mm
- **LLM-1258 Luer-Lock connector, male**
10 mm

**NEW**

Shaver

Cordless single use shaver system for arthroscopy



■ Starter set (SFR-205SET)

Set consistinf of:

- Central unit - motor (SFR-206M)
- Charging station (SFR-205B)
- Burr shaver Ø 4,5mm (SFR-104C)



■ SFR-206M Central unit - motor

The reusable central unit, the heart of the system, is equipped with state-of-the-art electronics and a rechargeable battery. It provides the surgeon with both standard and advanced features: a powerful brushless motor ensures optimal torque for all arthroscopic procedures, while the durable battery supports even the longest surgeries.

- 6000 rpm
- Approx. 40min. runnig time



■ SFR-205B Charging station

The charging station accommodates up to four central units, though the central units (motors) are not included with the charging station. When a central unit is inserted, it is checked by an intelligent control system. A display then indicates the battery's charge status.



**NEW**

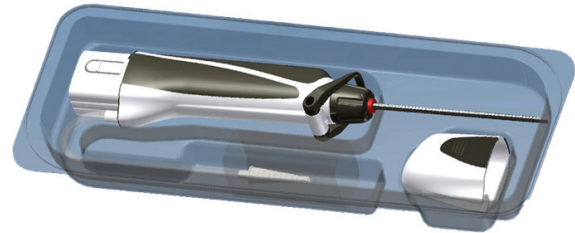
Shaver

Cordless single use shaver system for arthroscopy

■ Disposable shaver

- No preparation or sterilization required
- Ready for immediate use
- Integrated tube connection
- Minimum order quantity: 5 pieces

Sterile packaging



- Aggressive meniscus resection, fast removal of soft tissue during shoulder surgeries.
- Suitable for a combination of soft tissue and bone resection.

Ø	Item No.
3,5mm	SFR-103L
5,0mm	SFR-104L



- Versatile aggressive cutting blade:
Ideal for extensive tissue removal.

Ø	Item No.
2,9mm	SFR-102N
5,0mm	SFR-104N



- Oval Burr:
Fast bone resection.
- Suitable for subacromial decompression.

Ø	Item No.
4,5mm	SFR-104E



- Serrated inner blade and smooth outer blade for effective resection of meniscus, cartilage, and synovium.

Ø	Item No.
3,5mm	SFR-103P



- Ball Burr:
Ideal for notchplasty and osteochondral cleaning.

Ø	Item No.
4,5mm	SFR-104C





Arthroscopy

Accessories

■ Camera Covers

DE-10-25

Camera Covers

disposable, 1 pcs, polyethylen, 1
3x250 cm, minimal amount
50 pcs



DE-10-25



■ Cleaning accessories

DE-5-17

Cleaning brush, small, 17 cm

for tubes, ID:2-4 mm, autoclavable



DE-10-300

Disinfection solution IP

for flexible and rigid endoscopes.
manual and automated use,
1-3% dilution, 5 litres



DE-10-425

Soak basin

for chemical solution
disinfection, cons. of basin (perforated)
tray & cover for basin, size: 42x16x9,5 cm





Arthroscopy

Accessories

Video cart

Completely mounted

- ✓ 50cm unit size
- ✓ Camera fixation knob
- ✓ Drawer
- ✓ Ask for additional accessories

WV-54043 Video cart, H: 143 cm

size: 62x63 cm, completely mounted, basic version,
color: grey, partly blue,
**drawer inbuilt
**fixation knob for video camera head
**specially rust protected
max. weight: 150kg/330lbs

(Gastroscope bracket, fixation system. devices
and monitor are separate accessory)



WV-54043

WV-53022 Video cart as above but height 110 cm (without pictures)

WV-45111 Video cart, H: 112 cm,

size: 54x58cm,
completely mounted, basic version,
drawer inbuilt with handle
max. weight: 50kg/110lbs
max. unit size: 45cm
color: grey, partly blue,



WV-45111

Accessories for Video cart

WV-99619 Fixation system for infusion bottles mounting set

WV-99618G Gastroscope mount for Dr. Fritz TG series inductive charging, with telescope rod

WV-01601 Fixation system for CO₂ bottles mounting set, comp.to video carts for 5-10 litre bottles, max OD: 14,5 c

WV-02851 Fixation system for CO₂ bottles mounting set, comp.to video carts for big bottles, max OD: 20,5 cm



WV-99618G



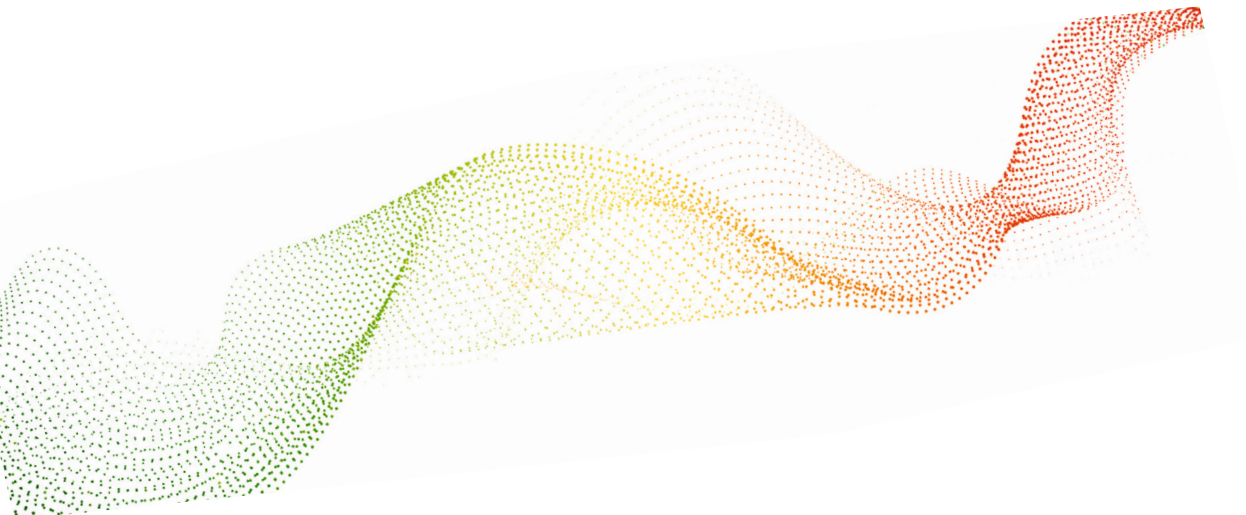
Dogs, Cats, Birds & Exotic Species

Endoscopic equipment



Endoscopy

in Pets, Birds and Exotic Species





Dogs, Cats, Birds & Exotic Species

Endoscopic equipment

Video Compact System 7

More information on page 10

- ✓ Wireless video transmission
- ✓ Independent of video tower and light source
- ✓ Without cable
- ✓ Easy handling & quick cleaning
- ✓ Integrated LED light

NEW ⇒ Integrated working channel Ø 1,2mm
Ø 3,4mm & WL: 6cm

NEW ⇒ Chip-in-the-Tip-Technologie
robust and unbreakable



General use for small Animal consulting rooms

- Rhinoscopy
- Laryngoscopy
- Dental endoscopy
- Otoscopy
- Vaginoscopy
- Dermoscopy
- Best compliance with the owner

Set 98-VCS7-SE

- VCS7, Ø 3,4mm, WL: 6cm, working channel Ø1,2mm
- 10" monitor receiver
- Application sheaths for ears and oral examination in pets
- Optical grasping forceps
- Flexible grasping forceps Ø1mm, WL: 16cm
- Ear curette
- Charging station, wall mount
- Antifog, cleaning brushes
- Stainless steel stand for silicone sleeves including charging station
- Inflation pump for dental and gyn





Dogs, Cats, Birds & Exotic Species

Endoscopic equipment

Compact Rhinoscope/Vaginoscope

More information on page

Set (TA20-3SET)

- Compact Rhinoscope/Vaginoscope
- 2 spare batteries
- Charging station
- Charger
- Biopsy forceps
- 3 way stopcock
- Catheter, 1,0mm
- Cleaning brush
- Protection sheath
- NEW: enables circulation flushing
- 10" monitor receiver

Cordless generation with exchangeable battery, in-built LED's, video camera, HD sender for video transmission & 1,5" control display.



Video Bronchoscope

More information on page

Set TXBH4-54V

- Bronchoscope TXBH4-54
- Charger
- Cleaning brush
- Density tester
- Grasping forceps
- Storage case
- 7" Monitor receiver



Item No.	Length	ø	Working channel	Transmission
TXBH2-36V	36cm	2,9mm	No working channel	wireless
TXBH4-54V	54cm	3,9mm	1,2mm	wireless