

# Disposables

**Dr. Fritz®**  
Wireless ■ Endoscopes

- Hygiene & Cleaning
- Products for daily use
- Keratelin



We are changing  
veterinary endoscopy

# Hygiene, cleaning and storage

## Instruction for cleaning and disinfection

We supply suitable cleaning and disinfection products, effective, environmentally proof and practical solutions for hygiene management.

### Demineralisation

One of the main conditions for best cleaning results - water treatment

**WA-1466-3 Demineralisation container,**  
only connection: 3/4 Zoll,  
total capacity: 1400 Liter

**WA-1466-2 Conductivity measurement unit**  
0-20/ > 20myS, LED control system

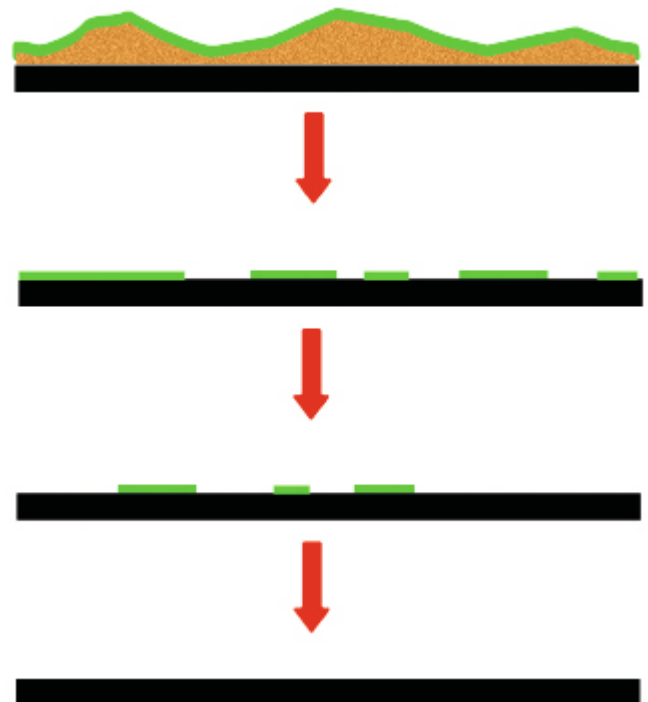


**Cleaning and disinfection are a ubiquitous topic of daily medical routine. The basic aim is to minimize the risk of infection for humans and animals. The thorough cleaning and disinfection of your endoscope influence much its optimum function and durability. Drying is an essential process of the hygiene concept.**

During cleaning dirt is removed. This step is frequently underrated, but is essential for the preparation of all other steps. Put your endoscope in an enzymatic detergent solution (e.g. Dr. Fritz enzymatic cleaning UNIVERSAL for rigid endoscopes and instruments or FLEX for flexible endoscopes) and make a mechanical pre-treatment with the special brush (for example, the instrument channel).

Disinfection takes place chemically. Put your endoscope into a disinfectant that is specifically suitable for endoscopes (e.g. InstruPlus). The existing germ-proof is reduced by 1 million cFU to 10 cFU.

There are different procedures for sterilization (e.g. gas-sterilization, autoclaving). Check that your endoscope is suitable for this procedure. Typically flexible endoscopes are only suitable for gas sterilization but not for steam sterilization. Rigid endoscopes are marked with the word „autoclave“ is distinguished if steam sterilization is possible. The existing germ-proof is further reduced by 10 cFU to 1 CFU.



# Hygiene, cleaning and care

Special equipment for cleaning of flexible endoscopes

## ■ Endoscope Washer

Semi automated cycling pump for flexible endoscopes and tubes

- Suction and circulating pump system
- Auto stop

### WA42-205

**Gastro-Washer**, Cleaning pump with timer programs for flexible endoscopes and tubes (<4mm), non-drip connectors, wall fastening, comp.to all major endoscopes, mains adaptor: 110-240VAC, 50/60Hz



Reprocessing room  
Wall mounting



\* Example of cleaning adapter of other manufacturer

Wall or cabinet mounting in connection with soak basin

# Hygiene, cleaning and care

## Special equipment for cleaning of flexible endoscopes

### ■ Endoscope Dryer

Easy drying of flexible endoscopes and thin tubes

- **Auto stop**
- compatible to endoscopes of other manufacturers\*

**WA41-104 Endoscope-Dryer**, air pump with timer for flexible endoscopes and tubes (<4mm) 1 bar, air filter, wall mounting, comp.to all major endoscopes, mains adapter: 110-240VAC, 50/60Hz

**AR-10-922 Sterile filter for CO<sup>2</sup> infusor** and air pressure infusor, compatible for tubes with ID: 4-6mm, disposable, 50pcs/box

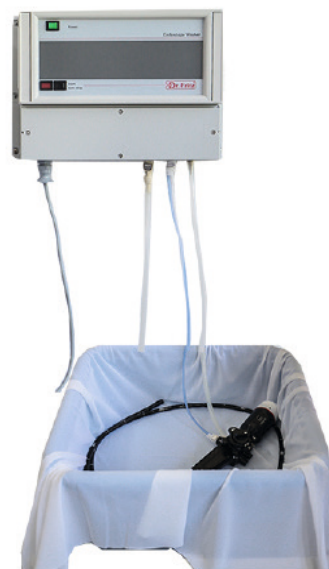


Cabinet mounting



Drying hanging

Storage room, cabinet mounting



Drying reclining

\* If original cleaning adapter available

# Cleaning accessories

## Video Bronchoscope

### ■ For rigid & flexible endoscopes / instruments

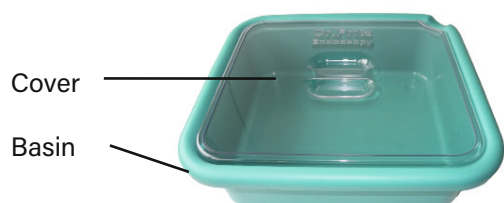
**DE-10-702 Dr. Fritz enzymatic cleaning FLEX 1,5 %**,  
1 x 1 l, 7 enzymes, 0,5%  
specially for flexible endoscopes  
for daily manual cleaning



**DE-10-300 „IP“ Disinfection solution**  
for flexible and rigid endoscopes, manual and  
automated use, 1-3% dilution, 5 litres



### ■ Option for cleaning of flexible endoscopes in the field



- ✓ Close the lid and ready for transport
- ✓ Fast and easy pre-cleaning after the last examination
- ✓ For semi- or fully automatic cleaning
- ✓ For all flexible endoscope types
- ✓ Usefull in drawer cabinets
- ✓ With airing



Stackable



**DE-17-44S Transportation & storage basin**  
for flexible endoscopes, 50x44x16 cm,  
set with cover

consisting of:

- Basin (DE-17-44)
- Cover transparent (DE-17-41)



# Hygiene, cleaning & care

## Soak basin

For different instrument sizes

### DE-10-426

**Soak basin long for chemical disinfection,**  
consisting of:  
basin, tray (perforated), cover, size: 74x22x13cm



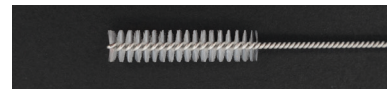
### DE-10-425

**Soak basin small, for chemical disinfection,**  
consisting of:  
basin, tray (perforated), cover, size: 42x16x9,5cm

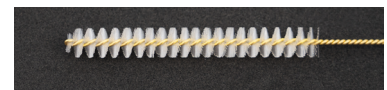


## Accessories

**DE-5-17**      **Cleaning brush small, 17cm, for tubes**  
ID size: 2-4 mm, autoclavable, 1 pc.



**DE-6-21**      **Cleaning brush, small, 20cm, for tubes**  
ID size: 4-7mm, autoclavable, 1 pc.



**DE-9-25**      **Cleaning brush, 25cm, for tubes**  
ID size: 7-10mm, autoclavable, 1 pc.



**DE-3-456-E**      **Cleaning brush, 50cm, for long tubes**  
ID size: 2,5 - 5mm, autoclavable, 1 pc.



**DE-6-102**      **Cleaning brush, flexible, 70cm, for**  
tubes, ID size: 5-8mm, autoclavable, 1 pc.



# Hygiene, cleaning & care

## Cleaning and disinfection solutions

### ■ For rigid & flexible endoscopes / instruments

**DE-10-702 Dr. Fritz enzymatic cleaning FLEX 1,5 %**,  
1 x 1 l, 7 enzymes, 0,5%  
specially for flexible endoscopes  
for daily manual cleaning



**DE-10-300 „IP“ Disinfection solution**  
for flexible and rigid endoscopes, manual and  
automated use, 1-3% dilution, 5 litres



**RH99-47 Silicon oil, 15 ml**  
specially for flexible endoscopes

### ■ Additional

**WA-1302-25**  
**Cleaning powder**, alkaline,  
for WA-1402 instrument washers,  
1kg box



**WA-1302-26**  
**Clear rinse** for instruments,  
endoscopes and instrument washer,  
1 litre bottle



**DE-10-65**  
**Lense polish**  
for telescopes, 5g

**E-22-71**  
**Antifog fluid** for endoscopes and  
mirrors, bottle



# Products for daily use

**X-5-15-10** **Silicon spare tube**, 100cm,  
size: 5 x1,5mm, colour: nature

**X-3-2-7** **Silicon spare tube**, 100cm,  
size: 3 x2mm, colour: nature

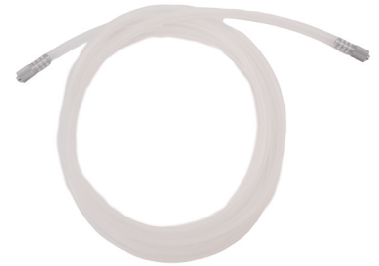
**X-6-30-12** **Silicon spare tube**, size:6 x3mm, 100cm  
suction tube, colour: natur

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



**X-180-26** **Silicon tube**, ID:5mm,180cm,  
LLm both.ends

**X-300-26** **Silicon tube**, ID:5mm,300cm,  
LLm both ends



**LLW-1220**  
**Luer-Lock connector**,  
female,2mm



**LLM-1251**  
**Luer-Lock connector**,  
male, 6mm,



**LLM-1250**  
**Luer-Lock connector**,  
male,6mm,



**LLM-1258**  
**Luer-Lock connector**,  
male,10mm,



**LL-1273H**  
**Three way stopcock**,  
disposable non sterile,  
Package with 10 pcs,



**LLW-1263**  
**Luer syringe connector**,  
10 pcs.



**LL-1270**  
**Three way T-adapter**,  
2x LL(f), 1x LL(m), disposable,  
non sterile, Pg with 10 pcs.



**LL-1271H**  
**One way stopcock**,  
disposable, non sterile,  
Package with 10 pcs



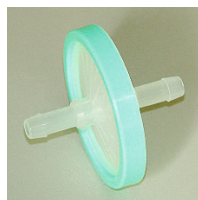
**AR-10-9**  
**Spare needle for infusion**  
bottles/bags ID: 4 mm compatible  
to tubes ID: 3,5-5 mm



**AR-10-948**  
**Silicon tube**,  
6x2mm, 3m, autoclavable,  
Luer-Lock (m), needle f. sterile  
bags/bottles, large inner diameter



**AR-10-922**  
**Sterile filter for CO<sup>2</sup> infusor**  
and air pressure infusor, compati-  
ble for tubes with ID: 4-6mm,  
disposable, 50pcs/box



**741-009-FF**  
**Sterile filter system for**  
**CO<sup>2</sup> -inflator**  
disposable, box with 50 pcs.  
medical connection D:22mm



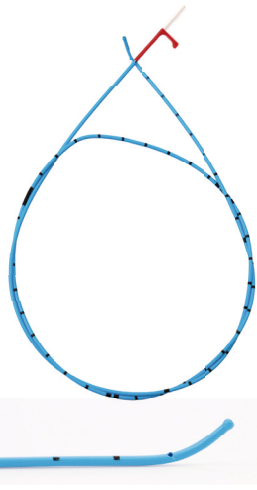


# Products for daily use

**F11-69****Special catheter**

4 Fr., 69cm, selectip UK, olive end, angled tip, y-sterile, Juka 62410110  
 \*\*minimal delivery: 5 pcs.

\*\*sterile item, no refund possible

**F12-69****Special catheter**

5 Fr., 69cm, selectip UK, olive end, angled tip, y-sterile, Juka 62410210  
 \*\*minimal delivery: 5 pcs.

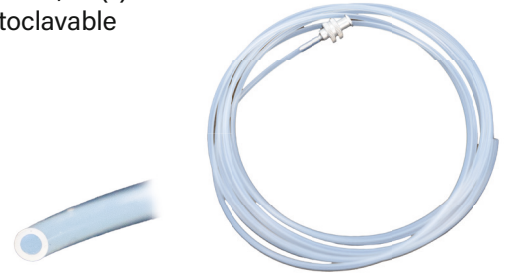
\*\*sterile item, no refund possible

**F20-219****Spare catheter f. gastro fiberscopes,**

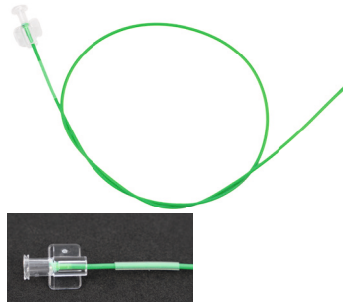
Teflon, OD:2mm, 10 metres, autoclavable

**F20-220****Catheter f. gastro fiberscopes, Teflon**

OD:2mm, WL:235cm, LL(f) connector dismantable, autoclavable

**F16-50****Special catheter**

OD:1,6mm, 50cm, y-sterile,

**981-VK-S**

**Spare silicon tips, black, 30pcs., for**  
 otoscope sheath 981-VK-13/17S  
 autoclavable

**231-211****Sealing caps**

for trocars and reducer adapters,  
 size 5,5mm, pg. of 10 pcs.

**230-211****Sealing caps,**

red, for trocars & reducer adapters,  
 size 10/11/12mm, pg. of 10  
 pcs.

**234-211****Sealing caps**

for trocars and reducer  
 adapters, size 8 (12,5)mm, pg. of 10 pcs.

**TR-78-15**

**Sealing cap f. big trocar cannulas**  
 cap opening D:11,5mm, blue, 5  
 pcs.

**TR-13-145D****Sealing cap**

for big trocar cannulas  
 cap opening D:11,5mm, blue, 5 pcs.

**I-17-002****Sealing cap**

for small trocar cannulas cap  
 opening, round, D:2mm, 5 pcs.

**TR-60-1D****Sealing cap**

small, 1mm opening,  
 for 981-VK-69/ S190-2701, 5 pcs.



# Products for daily use

## Camera covers

**DE-10-25 Camera covers**, disposable, 1 pcs., polyethylen, 13x250cm, minimal amount 50 pcs.



▪ Attention: sterile product - return shipment not accepted

## Bipolar grasping & cutting forceps

**BP-05-321 Bipolar grasping & cutting forceps**, disposable, 5,6mm, WL:320mm, European connector, \*sterile product

**BP-10-321 Bipolar grasping & cutting forceps**, disposable, 10mm, WL:320mm, European connector, \*sterile product



## Disposable biopsy forceps

**B23-180E Disposable biopsy forceps**, 2,3 mm, 180 cm

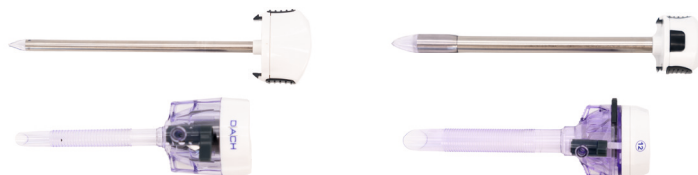
**B23-230E Disposable biopsy forceps**, 2,3 mm, 230 cm  
y-sterile, box with 10 pcs



## Trocar disposable

**TR-59-54 Trocar disposable**, ID:5 mm,WL:6 cm  
inflation stopcock, with trocar only  
box with 25 pcs

**TR-60-121 Trocar disposable**, ID:12 mm,WL:6 cm  
complete with reducer 12-8 mm and 5 mm  
box with 25 pcs



## Cleaning brush

**F28-280E Cleaning brush, flex., 230cm**, disposable, for channels 1,8-2,8mm, 10pcs/pack

**F20-181E Cleaning brush, flex., 180cm**, disposable for channels 1,1-2 mm, 10pcs/pack



**H20-001E Spare lamp halogen**, 8V/20W  
for light source H20-001 (without picture)

**H150-5-E Spare lamp**, XENOPHOT,150W/15V  
for light source 981-VK-100 and  
H150-5-2; H150-5-31



**LO-40-04 Safety toggle pin** acc. to Dr.Janowitz,  
90cm double suture, 5 pcs., for  
laparoscopic abomasal fixation  
\*\*\*extra long version\*\*\*



# Keratelin® Products

## ■ Keratelin® Teat products for teat care

### Suture-Bandage Plug the natural solution

**Z-99025-TH**     **KERATELIN „Thelasel“**  
teat dilator, OD: 3 mm, box 24 pcs.,  
sterile\*

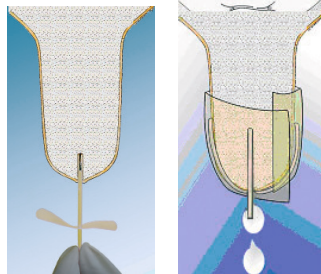
- The revolution in teat dairy care -



#### Breakage safe and stable.

Latest generation of natural teat canal plugs - first choice in any fresh cases of distal teat injuries - plug and tape it -

### KERATELIN "P2-Cath" Permanent Catheter



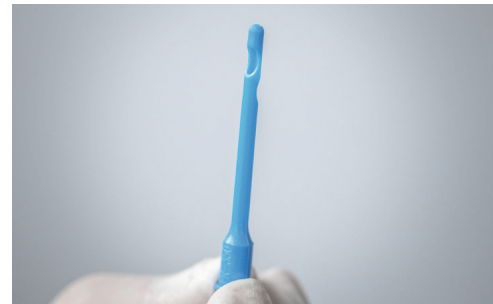
**Z-99027**     **KERATELIN „P2-Cath“**  
acc. to Schlederer, 8 pcs.,  
OD: 2,8mm, LL(w), individually packed,  
sterile\*



- For easy day milk release
- Easy and gentle to insert
- Fast milk flons

### KERATELIN Milk Canula professional teat care

**Z-99055**     **KERATELIN Milk Canula**, disposable,  
100 pcs. individually packed, sterile\*



Extra large inner diameter, available every time.

\*Attention: sterile product -  
return shipment not accepted