

Hygiene, cleaning care and transport

Semi automatic cleaning devices
Cleaning and disinfection baths



Cleaning and storage
of flexibel endoscopes



Hygiene, cleaning care and transport

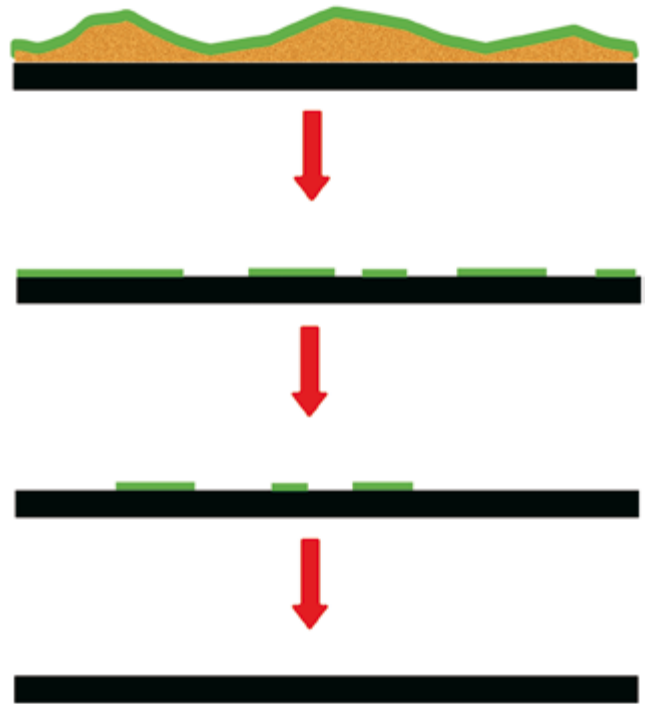
Instructions for cleaning and disinfecting

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 procedure 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.



For an optimum result in the cleaning and disinfection note the following points:

- Cleaning should be done promptly after use. Spray with Dr. Fritz enzyme. Pre-cleaning FOAM.
- Check the application (hands, face, endoscopes, instruments) to achieve an optimal effect and to prevent damage.
- Check the spectrum (bactericidal, fungicidal, virucidal) your disinfectant to select the right product for your needs and to avoid damage.
- Dr. Fritz enzymatic cleaners can be combined with commercial disinfectants (e.g., InstruPlus).
- Strictly follow the specified exposure dosage, time and temperature on the packaging.
- Detergents and disinfectants must be stored dry and cool. Extreme temperatures (frost, heat > 40 ° C) must be avoided.
- Observe the instructions provided by the manufacturer for use (concentration, protective measures).
- Drying is an essential part of the whole process.

Hygiene, cleaning , care and storage

Instructions 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

DE-10-304



Disinfection products

e.g. Disinfection solution IP

DE-17-44S



Accessories:

e.g. Disinfection basin for flexible endoscopes

Talk to us - we gladly advise you!

Hygiene, cleaning and care

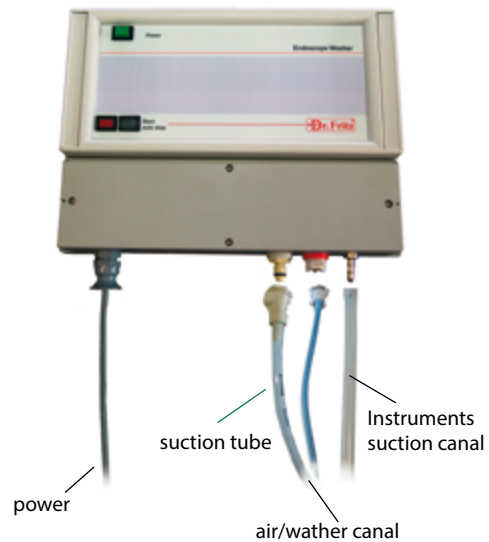
Special equipment for cleaning of flexible endoscopes

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 maunting



* Example of cleaning adapter of other manufacturer

wall or cabinet mounting in connection with soak basin (basin see page 183)

Reinigen

Hygiene, cleaning and care

Special equipment for drying of flexible endoscopes

Endoscope Dryer

Easy drying of flexible endoscopes and thin tubes

- auto stop
- compatible to endoscopes of other manufacturers*

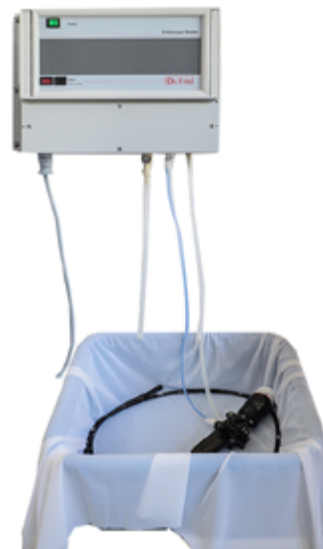
WA41-104 Endoscope-Dryer, air pump with timer for flexible endoscopes and tubes (<4mm) 1 bar, air filter, wall mounting, comp.to all major endoscopes, mains adaptor: 110-240VAC, 50/60Hz

AR-10-922 Sterile filter for CO² infusor and air pressure infusor, compatible for tubes with ID: 4-6mm, disposable, 50pcs/box



Drying hanging

storage room cabinet mounting



Drying reclining

* if original cleaning adapter available

Hygiene, cleaning and care recommendations for field practice



1. Intermediate cleaning after every use during the day.
Full cleaning and disinfection is mandatory in the evening!

1. Preparations:

- 1 Dr. Fritz enzymatic cleaner FLEX
- 2 alcohol
- 3 syringe
- 4 gloves
- 5 protection cloth

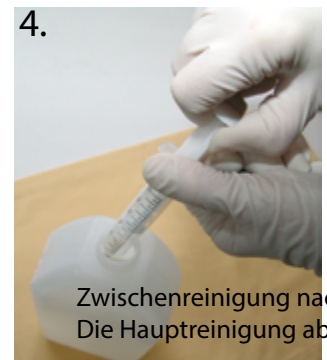
We highly recommend to use gloves while examining your patients to reduce contamination of your scope.



2. Clean scope outside with damp cloth and cleaner (Dr. Fritz enzymatic cleaner FLEX), diluted as instructed, moisten.



3. Make sure not to forget distal end and front lens



4. Fill syringe with cleaning solution



5. Flush channels (A) via air/water valve and (B) the working channel



6. Wipe scope outside with damp cloth see no.2



7. Fill syringe with alcohol solution



8. Flush channels with alcohol solution (see no.5). Afterwards fill syringe with air and press it through the channels to dry and to remove alcohol.



9. For transportation store your scope within a protection cloth or film. Use a cotton tissue gaze for the distal tip of the endoscope to collect rest water

During main reprocessing please follow the instructions of the manufacturers!

Hygiene, cleaning and care recommendations for pre-cleaning

Fast and easy pre-cleaning
after the last examination



DE-10-703
Dr. Fritz enzyme.
pre-cleaning FOAM



All parts to be cleaned with Dr. Ing. Fritz
enzyme. pre-cleaning FOAM spray, including
the channels,

close the lid and ready for transport.



untersuchung.
verlässlich.

– the manual option for cleaning of flexible endoscopes –

Disinfection transportation & storage basin for flexible endoscopes



- for semi-or fully automatic cleaning
- inexpensive
- for all flexible endoscope types
- stackable
- usefull in drawer cabinets
- with airing



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

consisting of:
basin (DE-17-44)
cover transparent (DE-17-41)

A

Soak basin for different instrumentes 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.



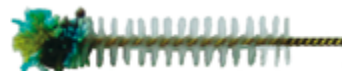
DE-5-17

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



DE-6-21

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



DE-9-25

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



DE-3-456-E

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



DE-6-102

Hygiene, cleaning and care

cleaning and disinfection solutions

For rigid and flexible endoscopes and instruments

Manual cleaning:

- DE-10-703 Dr. Fritz Pre-Cleaner FOAM, enzymatic
1 x 750 ml / ready to use multi-enzymatic
pre-cleaning, could also be used in field
practices
- 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-10-706 like DE-10-702 but 5 l
- DE-10-704 Dr. Fritz enzymatic cleaning ULTRA 1,0%,
1 x 1 l, 1% / powerful multi-enzymatic
cleaning for extreme contaminated
endoscopes and instruments, for manual use
- RH99-47 Silicon Oil, 15 ml

Manual and automated cleaning:

- DE-10-701 Dr. Fritz enzymatic cleaning UNIVERSAL
0,3%, , 1 x 1 l, 3 enzymes, 0,3%-1% / for
daily manual and automated cleaning
- DE-10-705 like DE-10-701 but 5 l
- DE-10-304 Disinfection solution IP, for instruments and
flexible endoscopes, 2 litres concentrate,
1-3% dilution, for manual and automated use

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, 1Liter bottle
- DE-10-65 Lense polish for telescopes, 5g
- E-22-71 Anitfog fluid for endoscopes and
mirrors, bottle



DE-10-703
SCHAUM



DE-10-702
FLEX



DE-10-704
ULTRA



DE-10-701
UNIVERSAL



RH99-47



DE-10-304 „IP“



WA-1302-25



WA-1302-26



DE-10-65



E-22-71

Products for daily use



AR-10-922



741-009-FF



Silicon tube



Silicon spare tube



LLM-1258



LLW-1258



LLM-1250



LLW-1251



LLW-1220

LLW-1263



LL-1270



LL-1271H



LL-1273H



AR-10-948



AR-10-9

- Attention: sterile product - return shipment not accepted

AR-10-922 Sterile filter for CO² infusor and air pressure infusor, compatible for tubes with ID: 4-6mm, disposable, 50pcs/box

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

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

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

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

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

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

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

Luer male (m)

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

LLW-1258 Luer-Lock connector, male,10mm,

Luer female (f)

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

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

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

LLW-1263 Luer syringe connector, 10 pcs.

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

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

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

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

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

Products for daily use

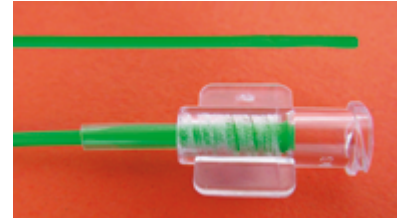
F11-69 Special catheter 4 Fr., 69cm, selectip UK, olive end, angled tip, y-sterile, Juka 62410110
 **minimal delivery: 5 pcs.
 **sterile item, no refund possible

F11-69



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

F16-50



F16-50 Special catheter OD:1,6mm, 50cm, y-sterile,

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



F20-220



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.



231-211 230-211 234-211

TR-78-15 Sealing cap f. big trocar cannulas cap opening D:11,5mm, blue, 5 pcs.

TR-13-145D Sealing cap f. big trocar cannulas cap opening D:11,5mm, blue, 5 pcs.

I-17-002 Sealing cap f. small trocar cannulas cap opening, round, D:2mm, 5 pcs.

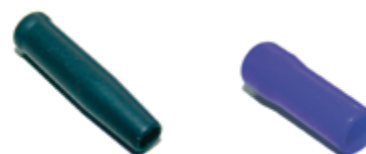


TR-78-15 TR-13-145D I-17-002 TR-60-1D

TR-60-1D Sealing cap small, 1mm opening, for 981-VK-69/ S190-2701, 5 pcs.

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

981-VK-SG Silicon hoses, blue, large, 10pcs., for otoscope sheath 981-VK-69/72 autoclavable



981-VK-S

981-VK-SG

Products for daily use

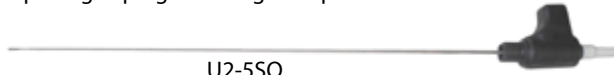
Camera covers



DE-10-25

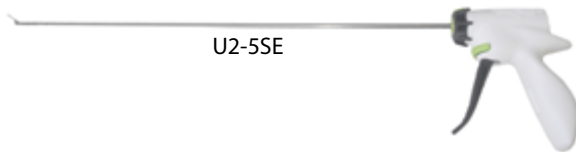
DE-10-25 Camera covers, disposable, 1 pcs., polyethylen, 13x250cm, minimal amount 50 pcs.

Bipolar grasping & cutting forceps



U2-550

U2-550 Ultrasonic transducer 500mm, comp. to U2-LO-GE, cable 3m, autoclavable, 1pcs, max use: 250min



U2-5SE

U2-350 Ultrasonic transducer 300mm like above but 30 cm WL



BP-05-321

U2-5SE Ultrasonic sealing punch, 500mm comp.to transducer U2-550, sterile*, 1 pc,

U2-3SE Ultrasonic sealing punch, 300mm like above but 30 cm WL

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



B23-180E

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

TR-59-53



TR-60-120



TR-59-53 Trocar disposal, ID:5 mm, WL:6 cm inflation stopcock, with trocar only box with 25 pcs

TR-60-120 Trocar disposal, ID:12 mm, WL:6 cm complete with reducer 12-8 mm and 5 mm box with 25 pcs



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

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

• Attention: sterile product - return shipment not accepted

Products for daily use

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



H150-5-E

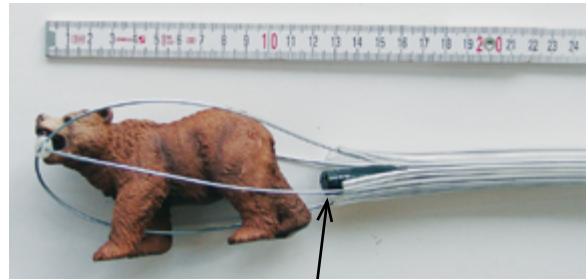


LO-40-04

Brugman's foreign body catcher*
for removal of foreign bodies
compatible to gastroscopes

New!

- Snare loaded tube for any size of foreign bodies



Gastroscope



insert gastroscope

FK-15-90 Brugman's foreign body catcher, 90 cm,
ID:15 mm, AD:24 cm; 1 pcs, single use,

FK-15-135 Brugman's foreign body catcher, 135 cm,
ID:15 mm, AD:24 cm; 1 pcs, single use,

***no return shipment

compatible to gastroscopes
different manufacturers with OD <13mm

* patent pending

- Attention: disposable product -
return shipment not accepted



KERATELIN® Products

Bovine 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

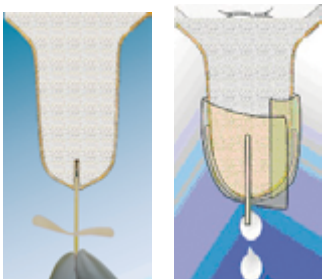
Latest generation
of natural teat
canal plugs - first
choice in any
fresh cases of distal
teat injuries
- plug and tape it -

- for covered / non perforated teat injuries



KERATELIN "P2-Cath" Permanent Catheter

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



- for open / perforated teat injuries



KERATELIN Milk Canula professional teat care

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

- Attention: sterile product -
return shipment not accepted

Extra large inner
diameter,
available every
time.

- for easy day milk release
- easy and gentle to insert
- fast milk flons

