



## ACCESSORIES

ENDOSCOPY ACCESSORIES, EQUIPMENT AND BRUSHES

# ENDOSCOPY ACCESSORIES

## OPTIMALLY EQUIPPED FOR EVERY INTERVENTION

MICRO-TECH provides you optimally with products around endoscopy. The product range includes devices that offer work protection to doctors and nurses as well as textiles which increase patient comfort. All solutions

are naturally certified according to EN ISO 13485 and fulfill the stringent requirements of directive 93/42 EEC concerning medical devices.



### DISPOSABLE MOUTHGUARDS

Different models are available: standard, pediatric and mouthguards with a special atraumatic design



### DISPOSABLE COLOSHORTS

Soft and absorbent dark blue material, rear opening that can be closed by Velcro strips, rubber waistband for easy fit



### DISPOSABLE BIOPSY VALVE WITH FLUSH CONNECTION

Suitable for Olympus and Fujifilm endoscopes



### DISPOSABLE CHANNEL VALVES

The channel valves fit on Olympus and Pentax endoscopes



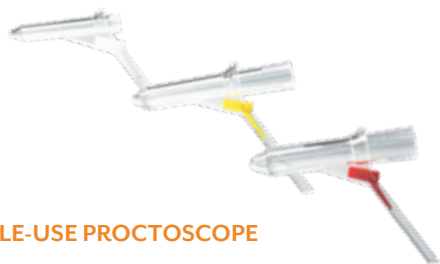
### POLYP TRAP

The 4-chamber system enables the separate capture of up to 4 polyps or biopsy material



### PROTRAP LUMA

Consists of a tube, trap body, collection sieve and light stick. The trays capture the polyps, are easily replaceable and fit into a standard sample cup



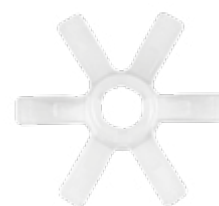
### SINGLE-USE PROCTOSCOPE

For a reliable diagnosis of the rectum MICRO-TECH offers different proctoscopes in disposable variations. The proctoscopes are made of high quality clear acrylic, which ensures a clear view of the intestinal wall and avoids cold sensation for patients during insertion. The proctoscope's smooth surface prevents potential injuries while facilitating the examination.



### EMBRELLA

During endoscopies, folds in the intestinal wall obstruct visibility and impede the detection of polyps. The design of the EMBRELLA cap tightens the intestinal wall and gently evens it out while also centering the endoscope and stabilizing its position. The cap can be easily and quickly attached to the endoscope tip.



## SPECIFICATIONS

REF	Description	Length mm	Ø outside mm	Ø inside mm
<b>PROCTOSCOPE</b>				
RA1480	Size S for paediatrics, color: white	80	14	12
RA2295	Size M, color: yellow	95	22	20
RA2695	Size L, color: red	95	26	24
RA0001	Adapter for cold-light-source			
Packaging unit: Proctoscopes: 100 pieces / Cold-light-adapter: 1 piece				
REF	Compatible endoscope distal end Ø mm			
<b>EMBRELLA</b>				
EM-S-01	12.8-14.5		Packaging unit: 10 pieces	
EM-S-02	11.5-13		Packaging unit: 10 pieces	
REF	Description	Measurements		
<b>MOUTHGUARD</b>				
AC01-102.M	Disposable textile strap, blue (also available separately)	Medium (M)		
AC01-103.A	Disposable mouthguard, atraumatic design, blue, latex free textile strap	Atraumatic (A)		
AC01-103.P	Disposable pediatric mouthguard, latex free textile strap	Pediatric (P)		
AC03-103.M	Disposable mouthguard, blue, textile strap white, latex free	Medium (M)		
<b>COLOSHORTS</b>				
TX01-101.UZ	Disposable colonoscopy examination trousers, dark blue, material PP	Dimensions: 130 x 65 cm, universal size, Packaging unit: 100 pieces		
<b>BIOPSY VALVES</b>				
AC03-102.O	Blue, for Olympus and Fujifilm endoscopes (G5 and higher)			
AC03-101.P	Red, for Pentax endoscopes			
AS2450000	Disposable biopsy valve with flush connection, suitable for Olympus and Fujifilm endoscopes			
AS2460000	Disposable biopsy valve with flush connection, suitable for Pentax endoscopes			
<b>POLYP TRAP</b>				
BBP-50	Polyp trap with 4-chamber			
<b>PROTRAP LUMA</b>				
BBPA00001	ProTrap Luma In-Line Polyp Trap	Packaging unit: 25 pcs/box		
BBPA10001	ProTrap Luma Specimen Tray	Packaging unit: 50 pcs/box		



# DISPOSABLE ENDOSCOPY VALVES

## STERILE VALVE SETS FOR MORE EFFICIENCY AND SAFETY

The possibility of cross contamination cannot be eliminated even when preparation is done under the highest standards. The MICRO-TECH disposable valves, provide a safe and efficient solution to ensure the protection for users and patients. Time-consuming manual cleaning processes are no longer necessary. What that means for you: Simple processes, reducing time and costs,

eliminating the need to document reprocessing steps and reducing the risk of infection for your patients. All MICRO-TECH valves are manufactured from high quality materials and are precisely fabricated to ensure optimum functionality. The range includes valves for the most common endoscopes from Olympus, Fujifilm and Pentax.

### SPECIFIC CHARACTERISTICS

- Sterile single use packaged
- Ready for instant use
- Reduced risk of infection for users and patients
- No time consuming preparation
- More efficiency and budget security
- Compatible with endoscopes from Olympus, Fujifilm and Pentax

**VALVE-SETS FUJIFILM SERIES 500/600 & 700** AC03-211.F7 / AC03-212.F / AC03-212.F7



Biopsy valve



Purge valve  
500/600 series



Purge valve  
700 series



Air-water valve  
500/600 series



Air-water valve  
700 series



Air-water cleaning valve  
700 series

**VALVE-SETS OLYMPUS FROM SERIES 140** AC03-212.O / AC03-215.O



Biopsy valve



Purge valve



Air-water valve



Air-water cleaning  
valve



Jet Adapter

**VALVE-SET PENTAX** AC03-212.P



Biopsy valve



Purge valve



Air-water valve

## SPECIFICATIONS

REF	Description	Package unit
<b>JET CHANNEL ADAPTER</b>		
AC03-221.F7	for Fujifilm 700 series endoscopes	Box of 100, carton 800 pieces: 8 pieces of 100
AC03-221.O	for Olympus endoscopes	Box of 100, carton 800 pieces: 8 pieces of 100
AC03-221.P	for Pentax endoscopes	Box of 100, carton 800 pieces: 8 pieces of 100
<b>ENDOSCOPE VALVE SET</b>		
AC03-211.F7	for Fujifilm 700 series endoscopes with air-water-, purge valve	Box of 25, carton 100 pieces: 4 piece of 25
AC03-212.F	for Fujifilm 500/600 series endoscopes with biopsy-, air-water-, purge valve	Box of 25, carton 100 pieces: 4 piece of 25
AC03-212.F7	for Fujifilm 700 series endoscopes with biopsy-, air-water-, purge valve	Box of 25, carton 100 pieces: 4 piece of 25
AC03-212.O	for Olympus endoscopes with biopsy-, air-water-, purge valve	Box of 25, carton 100 pieces: 4 piece of 25
AC03-215.O	for Olympus endoscopes with biopsy-, air-water-, purge-, cleaning valve, jet adapter	Box of 25, carton 125 pieces: 5 piece of 25
AC03-212.P	for Pentax endoscopes with biopsy-, air-water-, purge valve	Box of 25, carton 100 pieces: 4 piece of 25
<b>CLEANING VALVE</b>		
AC03-220.F7	for Fujifilm 700 series endoscopes	Box of 100, carton 400 pieces: 4 pieces of 100
AC03-220.O	for Olympus endoscopes	Box of 100, carton 400 pieces: 4 pieces of 100
<b>PROTECTIVE CAP DISTAL TIP</b>		
AC06-201	External diameter endoscope: 7 - 15 mm (like registered)	100 pieces
AC06-202	External diameter endoscope: 2 - 10 mm (like registered)	100 pieces



# DISPOSABLE CLEANING BRUSHES

## FOR RELIABLE CLEANING

The disposable cleaning brushes from MICRO-TECH ensure a perfectly cleaned endoscope, thus reducing the risk of cross-contamination to a minimum. The brushes also protect your endoscope. Spherical beads on the brush ends prevent the endoscope's working channel

from being damaged during cleaning. If you wish to make your work even safer, more rapid and more efficient, the disposable double cleaning brushes with 2 heads are recommended. Two cleaning processes can therefore be performed simultaneously in a single working step.

### SPECIFIC CHARACTERISTICS

- 2 brush heads for time-saving cleaning
- Protective beads on the brush heads
- Brushes made of resistant nylon
- Individually hygienically packed



Handle



Nylon brushes

## CONICAL BRUSH HEADS

The product range has also been supplemented with disposable cleaning brushes with tapered brush heads. According to preference, brushes with constant and decreasing brush diameters are available. Conical brush heads are indicated by a T in the product number.



## YOUR CHOICE: 1 OR 2 BRUSH HEADS

An ergonomic ring handle on the single head brush supports easy removal of the cleaning brush from the endoscope channel. Alternatively the use of a double headed cleaning brush can be recommended - a catheter with a brush at each end that is pulled through the channel thus allowing greater cleaning efficiency with its double brush action.

## PRECISELY FITTING DIAMETER

Whether a bronchoscope or a therapeutic endoscope with a large working channel is involved – you can obtain ideal cleaning brushes for all endoscopes with diameters ranging from 3 mm to 11 mm.



## SPECIFICATIONS

REF	Catheter Ø mm	Total length mm	Brushes Ø mm	Brush length mm
<b>CLEANING BRUSHES WITH ONE HEAD</b>				
CB18-0050/18	1.8	1800	5	20
CB18-0050/23	1.8	2300	5	20
<b>CLEANING BRUSHES WITH TWO HEADS</b>				
CB18-3030/18	1.8	1800	3/3	20/20
CB18-5050/18	1.8	1800	5/6	20/20
CB18-5050/23	1.8	2300	5/5	20/20
CB18-T5050/23	1.8	2300	5-7/5-7 tapered	20/20
CB23-5050/23	2.3	2300	5/5	20/20
DCBS-08-10-15-180	0.8	1800	1.5/1.5	10/10

Packaging unit: 100 pieces

Catheter colours of the brushes may vary.





# COMBINATION CLEANING BRUSH SOLUTIONS

## THE 2 IN 1 SOLUTION FOR THE DAILY PRACTICE

The cleaning of both the endoscope channels and its air-water valve requires a different kind of brush. MICRO-TECH offers smart devices for this purpose that makes the daily

practice easier and more efficient. The dual cleaning brush and valve brush combination set made by MICRO-TECH is such a solution for the reprocessing of the endoscope.

### SPECIFIC CHARACTERISTICS

- Double cleaning brush for air-water valve/control head
- Intensive and efficient cleaning
- Protective beads on the brush heads
- Brushes made of resistant nylon
- Individually hygienically packed set available



Tapered



Protective bead



### ONE BRUSH FITS ALL VALVES

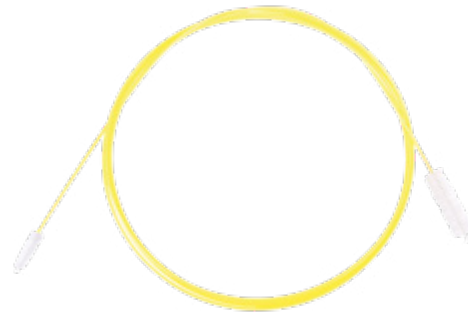
MICRO-TECH offers the all inclusive solution for the thorough brushing of the air-water valve vents and ports. The double header brush combines a 40 mm long and 11 mm thick port brush with a 20 mm long and 5 mm thin vent brush. Both brushes are flexible and have protective distal beads to help prevent damage to the endoscope.



Double headed cleaning brush for air-water valve

### COMBINATION DUAL FUNCTION BRUSH

A cleaning brush with a conical brush head for the endoscope channels and a large calibre and long brush head for the airwater valve- ports allow channel and valve-port brushing with a single cleaning brush. This saves time and reduces costs.



Combination cleaning brush

### SMART AND EFFICIENT: CLEANING BRUSH SET

The MICRO-TECH cleaning brush set includes all necessary brushes for a thorough and easy cleaning of the endoscope. It contains one cleaning brush for the endoscope channels and one double header cleaning brush for the valve vents and ports. The brushes are individually hygienically packed.

## SPECIFICATIONS

REF	Catheter Ø mm	Total length mm	Brushes Ø mm	Brush length mm
<b>CLEANING BRUSH FOR VALVE VENT</b>				
CB13-50120/01	1.3	160	5/12	20/40
<b>COMBINATION CLEANING BRUSH</b>				
CB18-T50110/23	1.8	2300	5-7 tapered/11	20/40
<b>CLEANING BRUSH SET</b>				
<b>CB18-T5050/23-B</b>				
CB18-T5050/23	1.8	2300	5-7 tapered	20/20
CB13-50120/01	1.3	-	5/12	20/40

Packaging unit: 100 pieces  
Catheter colours of the brushes may vary.



# JET CLEANER TYPE III

## SAFE AND VARIABLE RINSING

The Jet Cleaner Type III from Wieser Medizintechnik und Geräte GmbH allows you to apply rinsing-fluid safely through the working channel of the endoscope. With this device you can rinse intestinal bleedings and clots away or establish an optimal view in a polluted intestinal tract. The rinsing fluid can be applied in two ways: Via the standard working channel or through the existing endoscope jet

channel. Available for the Jet Cleaner Type III can be connected to all standard endoscopes with a working channel. Available for the endoscope brands Olympus, Fujinon, Pentax and Storz, when using the instrumented-/flush adapter (available as an accessory), simultaneous rinsing and instrumentation is possible with correspondingly large working channels.

### SPECIFIC CHARACTERISTICS

- Variable flushing 700-1600 ml/min
- For all common endoscope brands
- Flushing via working channel or jet channel
- Simultaneous rinsing and instrumentation
- Complete with foot switch, liquid tank, hose and adapter

## SPECIFICATIONS

Product number	Description	Feature
<b>JET CLEANER TYPE III</b>		
000.548003	Jet Cleaner Type III complete	Power cable for, Transformer, pneumatic foot switch, fluid reservoir 2 L, flush hose, instrument rinsing adapter, variable flushing rate 700 – 1600 ml / min
000.540035	Rinsing-Adapter	Olympus / Storz and Fujinon G5-series endoscope, autoclavable
000.540037	Rinsing-Adapter	Pentax, autoclavable
000.540041	Rinsing-Adapter	with screw thread for Olympus / Storz and Fujinon (G5) endoscope, autoclavable
29-1007RV	Disposable flush hose with non-return valve	Length: 250 cm, with double-sided LLM-attachment, incl. non-return valve, 1 VE = 20 pieces / Graduated price on request
29-1007	Disposable flush hose	Length: 250 cm, with double-sided LLM-attachment, 1 VE = 20 pieces / Graduated price on request
28-0165D	Disposable flush hose with bottle lid	Length: 110 cm, with double-sided LLM-attachment, incl. non-return valve
28-0166D	Disposable flush hose with bottle lid	Length: 200 cm, with double-sided LLM-attachment
28-0166RVD	Disposable flush hose with bottle lid	Length: 200 cm, with double-sided LLM-attachment, incl. non-return valve

