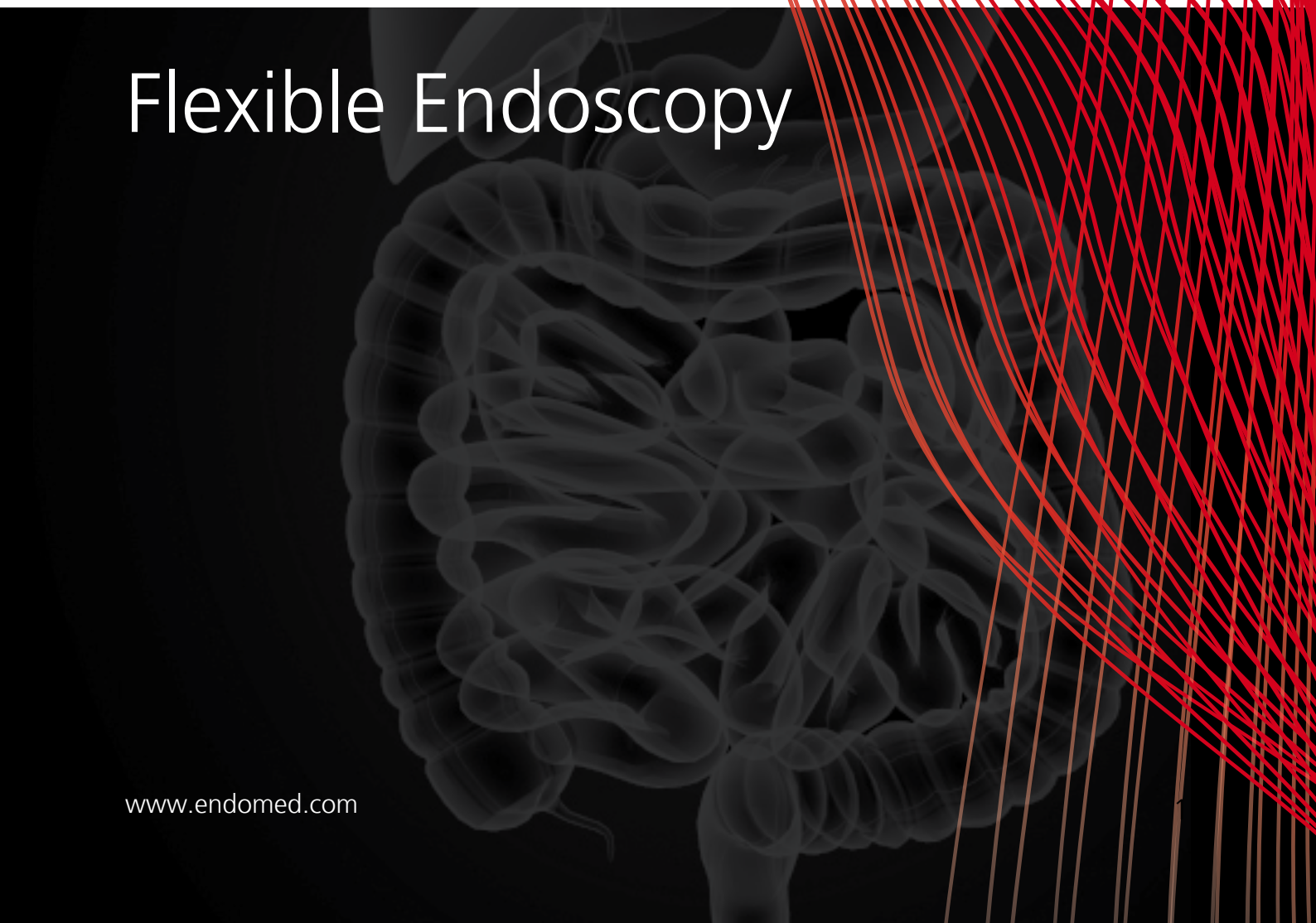
ENDOMED SYSTEMS

GENERAL CATALOG OF

Flexible Endoscopy



www.endomed.com

ENDOMED SYSTEMS

EndoMed Systems GmbH
Schubertstrasse 31
88214 Ravensburg | Germany

Phone +49 751 35 978 0
Fax +49 751 35 978 102

www.endomed.com
email@endomed.com

FLEXIBLE ENDOSCOPY

Endoscopy Systems
Endoscopy System ‘DUO-21‘ 7
Endoscopy System ‘COMBO-3‘ 14

Flexible Fiberscope 20

Suction pump 22

Reusable Instruments
Biopsy Forceps 24
Scissors 26
Grasping forceps 27
Baskets 30
Spray Catheters 31
Sclerotherapy Needle 32
Electrosurgical Snares 33
Electrodes 34

Disposable Instruments
Biopsy Forceps 35
Baskets 37
Spray Catheter 39
Electrosurgical Snares 40
Electrodes 41
Injection Needles 42
Cytology Brushes 42

Accessories 43

ELECTROSURGICAL UNITS 47

MEDICAL MONITORS 57

ENDOSCOPY TROLLEY 59

ENDOMED SYSTEMS

FLEXIBLE ENDOSCOPY

- Complete Endoscopy Systems
- Flexible Fiberscopes
- Suction pumps
- Reusable Instruments
- Disposable Instruments
- Accessories

ENDOMED SYSTEMS

DUO-21 Processor Unit **EVP 21-16**



- Programmable remote switches
- Special aluminum alloy
- Long life ceramic coating
- High Resolution

The video processor **EVP 21-16** is designed for the use in endoscopic examinations. It is an image processing unit that performs all functions of camera control, image detection, image processing, image optimization, control of the video display as well as operation controls of the user interface.

Various parameters of the video display functions can be adjusted using the On-Screen display. Some functions are directly accessible using short-cut buttons placed on the front side of the unit. User profiles and personal data of patients can be stored on the processor and the data is able to be exported with a USB device.

EVP 21-16 DUO-21 **EndoMed Systems DUO-21 Processor Unit**

Description	Item No
Video processor for DUO-21 endoscopy system	600100

Technical Specifications

Device	EVP 21-16
Dimensions (WxHxD)	353 x 106 x 260 mm
Weight	4 Kg
Power Supply	100 - 240 VAC
Video Systems	PAL/NTSC
Medical Product Class	I
EMC-Classification 5501	1B according to DIN EN 60601-1-2
Manufactured and Tested according to	IEC 601-1, EN 60601-1, RL 93/42/EWG
Digital video interface	DVI-I
Analogue video interface	S-video (Y/C); FBAS (Composite), RGB
Interface	USB, LAN, RS232
Settings	Graphical User Interface on Screen
Input Device	Medical Grade Keyboard
Structure Enhancement	Adjustable (3-steps)
Color adjustment	Red/blue intensity can be adjusted individually
On-screen information	Date, time, patient's data, doctors name (suppressible)
Internal image storage	Image can be exported via LAN or USB stick
Automatic brightness control	Peak and average adjustment
Zoom	Digital zoom (2-steps)
Data management	60 patient profiles, 15 user profiles
Delivery contains	EVP 21-16 (Video Processor), Medical Grade Keyboard, Y/C cable, BNC cable, HDMI - DVI cable, HDMI cable, User manual

DUO-21 Xenon Light Source **ELS 21-18**



The **ELS 21-18** is a modern high intensity Xenon light source with integrated insufflation pump and main applications for gastroscopy and colonoscopy and related procedures. The light source is available with adapters for flexible endoscopes of different manufacturers.

A powerful Xenon glow-discharged lamp is the centerpiece of the unit. The lamp is fixed in a reflector, therfore a calibration will not be necessary. The color temperature of 6000° Kelvin is equal to the color temperature of daylight. A mechanical diaphragm is used to adjust the output intensity without any influence on the color temperature.

The integrated pump delivers air pressure for both insufflating and rinsing. For an emergency, there is a 150 Watt Halogen light source built in. This light source is switched on automatically, when the main lamp went off during work for more than 15 seconds.

- Low noise, low heat conduction
- Electronical light control via buttons
- Simple lamp replacement
- Waterproof touch control panel



ELS 21-18 DUO-21 **EndoMed Systems DUO-21 Xenon Light Source**

Description	Item No
180-Watt, xenon light source for DUO-21 endoscopy system	600110

ENDOMED SYSTEMS
FLEXIBLE ENDOSCOPY
DUO-21 Xenon Light Source **ELS 21-18**

Technical Specifications

Device	**ELS 21-18**
Dimensions (W x H x D)	353 x 119 x 354 mm
Weight	12 kg
Power supply	110/115 VAC and 230/240 VAC
Features	
Main Lamp	XENON 180 W, XBO R180W/45C
Back up lamp	150-Watt halogen
Quality and Color temperature	Daylight quality, 6000 K
Life time	500 hours (expected)
Back Up Lamp	Halogen 150 Watt /15V, 3600°K, HLX 64634
Back up lamp activation delay	15 Seconds after shut down of Main lamp
Intensity Adjustment	Automatic light intensity control
Brightness Control	Adjustable (15 steps)
Color temperature	6000 Kelvin
Air insufflation	Adjustable (2 steps) , 0.3 Bar low and 0.5 Bar High
Lamp life	500 hours
On-screen information	date, time, patient's data, doctor's name (suppressible)
Internal image storage	image can be exported via LAN or USB stick
Automatic brightness control	peak and average adjustment
Zoom	digital zoom (2-steps)
Data management	60 patient profiles,15 user profiles
Endoscope connection / socket	Gastroscope and colonoscope
Dimensions (WxHxD)	353 x 119 x 354 mm
Weight	12 Kg
Power Supply	100-240 VAC ± 10%
Fuses	2 Fine fuses, 5 x 20 mm, delay 6,3 AT (I=1500A)
Power Consumption	280 W
Classification	Protection class: I Application part: Type BF
Classification acc. 93/42/EEC	IEN ISO 13485 | 93/42/EEC | IEC 601-1, EN 60601-1C
Environmental Conditions	
Temperature (Operation)	+10°C to +40°C
Temperature (Transport and Storage)	-20° C to +45°C
Max. relative humidity	During operation: 70% During storage and transport: 70%
Delivery	
Delivery contains	Light source, main cable, user manual

DUO-21 Gastroscope **EVG 21-28**





The video endoscope **EVG 21-28** is designed for Gastroscopic examinations. The control body is made of special aluminum alloy, which is light weight and protective against any damages with long life ceramic coating. The video chain provides high resolution images.

The three remote switches located on the endoscope control body are programmable to trigger various video processor functions.

- Programmable remote switches
- Special aluminum alloy
- Long life ceramic coating
- High Resolution

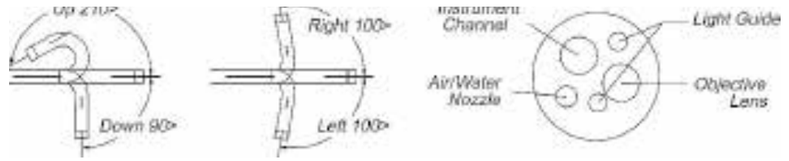
EVG 21-18 EndoMed Systems DUO-21 Gastroscope

Description	Item No
Video Gastroscope for DUO-21 endoscopy system	600120

FLEXIBLE ENDOSCOPY

DUO-21 Gastroscope **EVG 21-28**

Technical Specifications

Device	EVG 21-28
Insertion Tube Length	1030 mm
Insertion Tube Ø	9,8 mm
Instrument Channel Ø	2,8 mm
Bending Section	U 210°, D 90°, R 100°, L 100°
	
Field of View	140°
Direction of View	0°
Depth of Field	3-100 mm
Dimension of Control Body (W x H x D)	130 x 305 x 105 mm
Length Universal Tube	1550 mm
Weight	1400 g
Medical Product Class	IIa
Applied Part Classification	Type BF Applied Part
Electrical Safety Class	I
EMC-Classification	1B gem. DIN EN 60601-1-2
Environmental Conditions	
Temperature (Operation)	+10°C to +40°C
Temperature (Transport and Storage)	-20° C to +45°C
Max. relative humidity	During operation: 70% During storage and transport: 70%
Air Pressure	Operation 700mbar - 1060 mbar Storage 600mbar - 1300 mbar
Features	
Remote Switches	Equipped with 3 programable remote switches on the control body
Control Body	Light weight medical grade Aluminum
Coating	Ceramic Coating
CCD Chip	High resolution 1/6" color chip
Standard Accessories	1x Transportation Case, 1x Air/Water Valve, 1x Suction Valve, 5x Biopsy Valve, 1x Biopsy Forceps Oval Cup, 1x Water Bottle, 2x Mouth Piece, 1x Silicone Oil 5ml, 1x Cleaning Adapter, 1x All Channel Irrigator set, 1x 50 ml Syringe for manual irrigation, 1x Cleaning Brush long, 1x Cleaning Brush short, 1x Operation Manual

DUO-21 Colonoscopes **EVC 21-37S/L**



The video endoscopes **EVC 21-37S** & **EVC 21-37L** are designed for colonoscopic examinations. These colonoscopes are different in length The control body is made of special aluminum alloy, which is light weight and protective against any damages with long life ceramic coating.

The video chain provides high resolution images. The three remote switches located on the endoscope control body are programmable to trigger various video processor functions.

- Programmable remote switches
- Special aluminum alloy
- Long life ceramic coating
- High Resolution



EVC 21-37S/L **EndoMed Systems DUO-21 Colonoscopes**

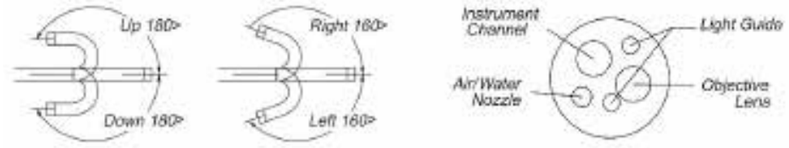
Device	Description	Item No
EVC 21-37S	Video Colonoscope for DUO-21 endoscopy system, 1330 mm	600130
EVC 21-37L	Video Colonoscope for DUO-21 endoscopy system, 1650 mm	600131

FLEXIBLE ENDOSCOPY

DUO-21 Colonoscopes **EVC 21-37S/L**

Technical Specifications

Device	EVC 21-37S	EVC 21-37L
Insertion Tube Length	1330 mm	1680 mm
Insertion Tube Ø	12,8 mm	12,8 mm
Instrument Channel Ø	3,7 mm	3,7 mm
Bending Section	U 180°, D 180°, R 160°, L 160°	



Field of View	140°
Direction of View	0°
Depth of Field	3-100 mm
Dimension of Control Body (W x H x D)	130 x 305 x 105 mm
Length Universal Tube	1550 mm
Weight	1400 g
Medical Product Class	IIa
Applied Part Classification	Type BF Applied Part
Electrical Safety Class	I
EMC-Classification	1B gem. DIN EN 60601-1-2
Environmental Condition	
Temperature (Operation)	+10°C to +40°C
Temperature (Transport and Storage)	-20° C to +45°C
Max. relative humidity	During operation: 70% During storage and transport: 70%
Air pressure	Operation 700mbar - 1060 mbar Storage 600mbar - 1300 mbar
Features	
Remote Switches	Equipped with 3 programable remote switches on the control body
Control Body	Light Weight medical grade Aluminum
Coating	Ceramic Coating
CCD Chip	High resolution 1/6" color chip
Standard Accessories	1x Transportation Case, 1x Air/Water Valve, 1x Suction Valve, 5x Biopsy Valve, 1x Biopsy Forceps Oval Cup, 1x Water Bottle, 1x Silicone Oil 5ml, 1x Cleaning Adapter, 1x All Channel Irrigator set, 1x 50 ml Syringe for manual irrigation, 1x Cleaning Brush long, 1x Cleaning Brush short, 1x Operation Manual

EndoMed Systems Medical Keyboards

Item No	Description	Type
600106	Medical keyboard for DUO-21 processor	US Type
600107	Medical keyboard for DUO-21 processor	EU Type

ENDOSCOPY SYSTEMS

COMBO-3 Processor Unit **C3P14**



This **C3P14** is a video processor with built in LED light source and insufflation pump. The video processor is designed for the use in endoscopic examinations. It is an image processing unit and performs all functions of camera control, image detection, image processing, image optimization, control of the video display as well as operation controls of the user interface and light source equipped with one LED lamp.

The integrated pump delivers air pressure for both insufflating and rinsing. This unit is equipped with the option of "Vessel" which gives more enhancement to the vessel observation in all GI observations.

- Compact unit
- LED light source
- Built-in Image Archive
- Vessel enhancement option



C3P14 EndoMed Systems COMBO-3 Processor Unit

Description	Item No
Video processor for COMBO-3 endoscopy system	600151

ENDOMED SYSTEMS
FLEXIBLE ENDOSCOPY
COMBO-3 Processor Unit **C3P14**

Technical Specifications

Device	**C3P14**
Dimensions (WxHxD)	400 x 170 x 450 mm
Weight	10.2 Kg
Power Supply	220 VAC, 50 Hz
Medical Product Class	I
Applied Part Classification	Type BF Applied Part
Electric Safety Class	I
EMC-Classification 5501	1B according to DIN EN 60601-1-2
Manufactured and Tested	EN 60601-1, RL 93/42/EWG
Environmental Conditions	
Temperature (Operation)	+10°C to +40°C
Temperature (Transport and Storage)	-20° C to +45°C
Max. relative humidity	During operation: 70% During storage and transport: 70%
Image Features	
Video Systems	PAL
Digital video interface	DVI-I
Analogue video interface	S-video (Y/C); FBAS (Composite), RGB
Interface	RS232, USB (optional)
Structure Enhancement	Adjustable (4-steps)
Color Adjustment	Red/blue intensity can be adjusted individually
Internal image storage	16 image memory
Automatic brightness control	Peak and average adjustment
Light Source Features	
Lamp	LED
CRI (color rendering index)	≥90 , High CRI
Quality and Color temperature	5000K ~ 7000K
Main lamp Life time	50,000 hours
Intensity adjustment	Automatic/Manual light intensity control
Brightness control	Adjustable (±50 Level)
Air insufflation	40-50 kPa
Endoscope connection / socket	Gastroscope and colonoscope only Combo-3
Delivery	
Delivery contains	COMBO-3 (Video Processor), power cable, Y/C cable, BNC cable, HDMI - DVI cable, user manual

COMBO-3 Gastroscopes **C3G13/14**



The video endoscopes **C3G13** & **C3G14** are designed for gastroscopic examinations. The video chain provides high-quality images.

These gastroscopes are designed as economic solutions and cost effective video systems. They are only compatible with the Combo-3 processor.

- High-quality images
- Economic and cost-effective
- Low-cost maintenance



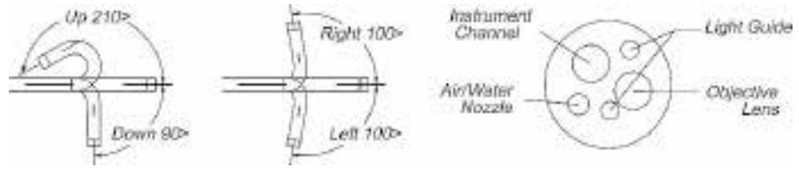
C3G13/14 EndoMed Systems COMBO-3 Gastroscopes

Device	Description	Item No
C3G13	Video Gastroscope for COMBO-3 endoscopy system	600160
C3G14	Video Gastroscope for COMBO-3 endoscopy system	600151

ENDOMED SYSTEMS
FLEXIBLE ENDOSCOPY
COMBO-3 Gastroscopes **C3G13/14**

Technical Specifications

Device	C3G13	C3G14
Insertion Tube Length	1050 mm	
Insertion Tube Ø	9,6 mm	9,0 mm
Instrument Channel Ø	2,8 mm	
Bending Section	U 210°, D 90°, R 100°, L 100°	



Field of View	140°
Direction of View	0°
Depth of Field	3-100 mm
Dimension of Control Body (WxHxD)	130 x 280 x 100 mm
Length Universal Tube	1550 mm
Weight	1750 g
Medical Product Class	IIa
Applied Part Classification	Type BF Applied Part
Electrical Safety Class	I
EMC-Classification	1B gem. DIN EN 60601-1-2
Environmental Conditions	
Temperature (Operation)	+10°C to +40°C
Temperature (Transport and Storage)	-20° C to +45°C
Max. relative humidity	During operation: 70% During storage and transport: 70%
Air Pressure	Operation 700mbar - 1060 mbar Storage 600mbar - 1300 mbar
Features	
Remote Switch	Equipped with one remote switch on the control body
Control Body	Light Weight medical grade plastic
CCD Chip	1/6” color chip
Resolution	440,000 pixels
Standard Accessories	1x Transportation Case, 1x Air/Water Valve, 1xSuction Valve, 5x Biopsy Valve, 1x Biopsy Forceps Oval Cup, 1x Water Bottle, 2x Mouth Piece, 1x Silicone Oil 5ml, 1x Cleaning Adapter, 1x All Channel Irrigator set, 1x 50 ml Syringe for manual irrigation, 1x Cleaning Brush long, 1x Cleaning Brush short, 1x Operation manual

COMBO-3 Colonoscopes **C3C13/14**



The video endoscopes **C3C13** & **C3C14** are designed for colonoscopic examinations. These colonoscopes are different in length. The video chain provides high-quality images.

These colonoscopes are designed as economic solutions and cost effective video systems. They are only compatible with the COMBO-3 new processor.

- High-quality images
- Economic and cost-effective
- Low-cost maintenance



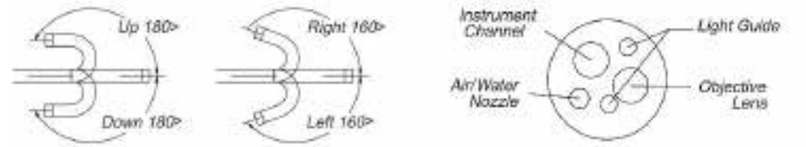
C3C13/14 EndoMed Systems COMBO-3 Colonoscopes

Device	Description	Item No
C3C13	Video colonoscope for COMBO-3 endoscopy system	600170
C3C14	Viideo colonoscope for COMBO-3 endoscopy system	600171

ENDOMED SYSTEMS
FLEXIBLE ENDOSCOPY
COMBO-3 Colonoscopes **C3C13/14**

Technical Specifications

Device	C3C13	C3C14
Insertion Tube Length	1350 mm	1650 mm
Insertion Tube Ø	12,8 mm	
Instrument Channel Ø	3,7 mm	
Bending Section	U 180°, D 180°, R 160°, L 160°	



Field of View	140°
Direction of View	0°
Depth of Field	3-100 mm
Dimension of Control Body	130 x 280 x 100 mm
Length Universal Tube	1550 mm
Weight	1750 g
Medical Product Class	IIa
Applied Part Classification	Type BF Applied Part
Electrical Safety Class	I
EMC-Classification	1B gem. DIN EN 60601-1-2
Environmental Conditions	
Temperature (Operation)	+10°C to +40°C
Temperature (Transport and Storage)	-20° C to +45°C
Max. relative humidity	During operation: 70% During storage and transport: 70%
Air Pressure	Operation 700mbar - 1060 mbar Storage 600mbar - 1300 mbar
Features	
Remote Switch	Equipped with one remote switch on the control body
Control Body	Light Weight medical grade plastic
CCD Chip	1/6" color chip
Resolution	440,000 pixels
Standard Accessories	1x Transportation Case, 1x Air/Water Valve, 1x Suction Valve, 5x Biopsy Valve, 1x Biopsy Forceps Oval Cup, 1x Water Bottle, 1x Silicone Oil 5ml, 1x Cleaning Adapter, 1x All Channel Irrigator set, 1x 50 ml Syringe for manual irrigation, 1x Cleaning Brush long, 1x Cleaning Brush short, 1x Operation Manual

Fiberscopes
Nasopharyngoscope **EFL 11-20-30/40**



The new German fiber-optic Nasopharyngscope **EFL 11-20-30/40** multiple lens optical system provides a crystal clear image. The extremely thin entry tube is highly flexible therefore, precise work can be done in inaccessible regions. The device offers a wide angle with exceptional depth of focus. Illumination of the area under examination is achieved by two light guides.

The flexible entry tube moves precisely to the command of an ergonomically designed well-balanced hand piece and is available in different outer diameter.

- High-quality image
- Economic and cost-effective
- Corrosion-resistant
- 18.000 image pixels

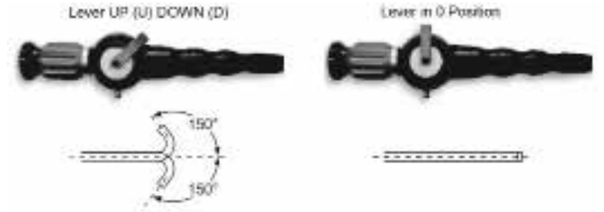
EFL 11-20-30/40 EndoMed Systems Nasolaryngoscope

Device	Length mm	Insertion tube Ø mm	Bending section	Field of view	Direction of view	Depth of field mm	Item No
EFL 11-20-30	300	2,8	U/D 150°	70°	0°	3 – 50	602300
EFL 11-20-40	300	3,4	U/D 150°	70°	0°	3 – 50	602310

ENDOMED SYSTEMS
FLEXIBLE ENDOSCOPY
Fiberscopes
Nasopharyngoscope **EFL 11-20-30/40**

Technical Specifications

Device	EFL 11-20-30	EFL 11-20-40
Insertion Tube Length	300 mm	
Insertion Tube Ø	2,8 mm	3,4 mm
Bending Section	U 150°, D 150°	



Field of View	70°
Direction of View	0°
Depth of Field	3-50 mm
Dimension of Control Body (WxHxD)	130 x 305 x 105mm
Length Light Guide Cable	1500 mm
Weight	700 g
Medical Product Class	I
Applied Part Classification	Type BF Applied Part
Electrical Safety Class	I
EMC-Classification	1B gem. DIN EN 60601-1-2
Environmental Conditions	
Temperature (Operation)	+10°C to +40°C
Temperature (Transport and Storage)	-20° C to +45°C
Max. relative humidity	Operation: 70% Storage and transport: 70%
Air pressure	Operation 700mbar - 1060 mbar Storage 600mbar - 1300 mbar
Features	
Control Body	Light Weight medical grade Aluminum
Coating	Ceramic Coating
Image Bundle	High resolution, 18,000 image pixels
Standard Accessories	1x Transportation Case, 1x leakage tester, 1x ETO cap ,1x flexible light guide cable, 1x LE adapter, 1x LA adapter, 1x Operation Manual

Suction Pump **VACO SP120**



The Suction pump **VACO SP120** is dedicated to endoscopy procedures. It is designed with a special system of noise and vibration dampening for an extremely quiet and smooth operation with an incredibly low noise level of 39,4 dB. The pump is a maintenance-free, reliable and vibration-free device.

The main case is made of very sturdy, unbreakable, fire retardant material and the pump body itself is made of aluminum alloy. The device has a cooling system with exra fan and the color coded gauge enables a safe vacuum management. Furthermore, the pump is equipped with overflow protection and safety vacuum regulator.

- Continous run
- Super silent – only 39.4 dB
- Vibration free
- Over Flow proctection

VACO SP120 EndoMed Systems Suction Pump

Description	Item No
Suction Pump, 2-liter jar	643120
Bottle, 2 liters with screw cover	643121
Holder for jar	643122
Suction Pump, double bottle, 2.5 liters	643200

FLEXIBLE ENDOSCOPY

Suction Pump **VACO SP120**

Technical Specifications

Device	
Dimensions (WxHxD)	440 x 300 x 310 mm
Weight	12 Kg
Power Supply	230V / 50-60 Hz
Safety Class	Protection class: I Application part: Type BF
CE Standard	Classification acc. 93/42/EEC: I EN ISO 13485 | 93/42/EEC | IEC 601-1, EN 60601-1C
Suction Capacity	38 l/min ±5%
Vacuum	0-90 kPa
Drainage	0-40 cmH2O
Noise Level	39.4 dB
Delivery contains	1x 2-liter suction bottle with holder, 2x sterile filters, 1x silicone tube set, 1x Power cable, user manual
Environmental Conditions	
Temperature (Operation)	+10°C to +40°C
Temperature (Transport and Storage)	-20° C to +45°C
Max. relative humidity	During operation: 70% During storage and transport: 70%

Standard Accessories	**Optional Accessories**
Filter, Clamp, Bottle Holder, 2 Liter Bottle	2,5 Liter Bottle (Disposable), Foot Pedal, Silicon Tubes, Stand



AUTOCLAVABLE REUSABLE

BIOPSY FORCEPS

Biopsy Forceps — **Autoclavable, round cup**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1500	2,0	610000
2,4	1500	2,8	610001
2,4	1700	2,8	610002
2,4	2100	2,8	610003
2,4	2300	2,8	610004
1,8	1000	2,0	610005
1,8	2500	2,2	610006

Biopsy Forceps — **Autoclavable, oval fenestrated cups**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1500	2,0	610010
2,4	1500	2,8	610011
2,4	1700	2,8	610012
2,4	2100	2,8	610013
2,4	2300	2,8	610014
1,8	1000	2,0	610015
1,8	2500	2,2	610016

Biopsy Forceps — **Autoclavable, oval fenestrated cups, with needle**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1500	2,0	610020
2,4	1500	2,8	610021
2,4	1700	2,8	610022
2,4	2100	2,8	610023
2,4	2300	2,8	610024
1,8	1000	2,0	610025
1,8	2500	2,2	610026

Biopsy Forceps — **Autoclavable, alligator oval cups**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1500	2,0	610030
2,4	1500	2,8	610031
2,4	1700	2,8	610032
2,4	2100	2,8	610033
2,4	2300	2,8	610034
1,8	1000	2,0	610035
1,8	2500	2,2	610036

REUSABLE AUTOCLAVABLE

Biopsy Forceps — **Autoclavable, alligator oval cups, with needle**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1500	2,0	610040
2,4	1500	2,8	610041
2,4	1700	2,8	610042
2,4	2100	2,8	610043
2,4	2300	2,8	610044
1,8	1000	2,0	610045
1,8	2500	2,2	610046

Biopsy Forceps — **Autoclavable, alligator oval cups, single action cup**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1500	2,0	610050
2,4	1500	2,8	610051
2,4	1700	2,8	610052
2,4	2100	2,8	610053
2,4	2300	2,8	610054
1,8	1000	2,0	610055
1,8	2500	2,2	610056

Biopsy Forceps — **Autoclavable, round cups, rotatable**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1500	2,0	610100
2,4	1500	2,8	610101
2,4	2100	2,8	610102
1,8	1000	2,2	610103

Biopsy Forceps — **Autoclavable, oval fenestrated cups, rotatable**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1500	2,0	610110
2,4	1500	2,8	610111
2,4	2100	2,8	610112
1,8	1000	2,2	610113

Biopsy Forceps — **Autoclavable, ocal fenestrated cups, with needle, rotatable unit**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1500	2,0	610120
2,4	1500	2,8	610121
2,4	2100	2,8	610122
1,8	1000	2,2	610123

AUTOCLAVABLE REUSABLE

SCISSORS

Scissors **Autoclavable, Double action**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1500	2,0	610200
2,4	1500	2,8	610201
2,4	1700	2,8	610202
2,4	2100	2,8	610203
2,4	2300	2,8	610204
2,4	1000	2,0	610205

Scissors **Autoclavable, Single action**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1500	2,0	610210
2,4	1500	2,8	610211
2,4	1700	2,8	610212
2,4	2100	2,8	610213
2,4	2300	2,8	610214
2,4	1000	2,0	610215

REUSABLE AUTOCLAVABLE

GRASPING FORCEPS

Grasping Forceps **Autoclavable, rat tooth**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1500	2,0	610300
2,4	1500	2,8	610301
2,4	1700	2,8	610302
2,4	2100	2,8	610303
2,4	2300	2,8	610304
1,8	1000	2,0	610305
1,8	2500	2,2	610306
1,8	700	2,0	610307

Grasping Forceps **Autoclavable, rat tooth with alligator jaws**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1500	2,0	610300
2,4	1500	2,8	610301
2,4	1700	2,8	610302
2,4	2100	2,8	610303
2,4	2300	2,8	610304
1,8	1000	2,0	610305
1,8	2500	2,2	610306
1,8	700	2,0	610307

Grasping Forceps **Autoclavable, pelican type**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1500	2,0	610340
2,4	1500	2,8	610341
2,4	1700	2,8	610342
2,4	2100	2,8	610344
2,4	2300	2,8	610345
1,8	1000	2,0	610347
1,8	2500	2,2	610348
1,8	700	2,0	610349

Grasping Forceps — Autoclavable, alligator jaws



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1500	2,0	610360
2,4	1500	2,8	610361
2,4	1700	2,8	610362
2,4	2100	2,8	610364
2,4	2300	2,8	610365
1,8	1000	2,0	610367
1,8	2500	2,2	610368
1,8	700	2,0	610369

Grasping Forceps — Autoclavable, rubber tips



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1500	2,0	610380
2,4	1500	2,8	610381
2,4	1700	2,8	610382
2,4	2100	2,8	610384
2,4	2300	2,8	610385
1,8	1000	2,0	610387
1,8	2500	2,2	610388
1,8	700	2,0	610389

Grasping Forceps — Autoclavable, rat tooth, rotatable



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1500	2,0	610400
2,4	1500	2,8	610401
2,4	2100	2,8	610402
1,8	1000	2,0	610403

Grasping Forceps — Autoclavable, rat tooth with alligator jaws, rotatable



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1500	2,0	610410
2,4	1500	2,8	610411
2,4	2100	2,8	610412
1,8	1000	2,0	610413

Grasping Forceps — Autoclavable, pelican type, rotatable



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1500	2,0	610420
2,4	1500	2,8	610421
2,4	2100	2,8	610422
1,8	1000	2,0	610423

Grasping forceps — Autoclavable, 3-prong



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1500	2,0	610500
2,4	1500	2,8	610501
2,4	1700	2,8	610502
2,4	2100	2,8	610503
2,4	2300	2,8	610504
1,8	1000	2,0	610505
1,8	2500	2,2	610507
1,8	700	2,0	610509

Grasping forceps — Autoclavable, 5-prong



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1500	2,0	610520
2,4	1500	2,8	610521
2,4	1700	2,8	610522
2,4	2100	2,8	610524
2,4	2300	2,8	610525
1,8	1000	2,0	610527
1,8	2500	2,2	610528
1,8	700	2,0	610529

BASKETS

Fold Angular Basket (tapered) — Autoclavable, stainless steel



Opening width mm	Ø mm	Length mm	Working channel Ø mm	Item No
15	1,8	700	2,0	610540
20	1,8	1000	2,0	610541
20	1,8	1900	2,0	610542
30	2,4	1500	2,8	610543
20	2,4	1900	2,8	610544
35	2,4	2300	2,8	610545

Fold Angular Basket (rounded) — Autoclavable, stainless steel



Opening width mm	Ø mm	Length mm	Working channel Ø mm	Item No
15	1,8	700	2,0	610550
20	1,8	1000	2,0	610551
20	1,8	1900	2,0	610552
30	2,4	1500	2,8	610553
20	2,4	1900	2,8	610554
30	2,4	2300	2,8	610555

Baskets Nitinol — Autoclavable, nitinol



Opening width mm	Ø mm	Length mm	Working channel Ø mm	Item No
15	1,8	700	2,0	610560
20	1,8	1000	2,0	610561
20	1,8	1900	2,0	610562
30	2,4	1500	2,8	610563
20	2,4	1900	2,8	610564
30	2,4	2300	2,8	610565

Ball Basket — Autoclavable, stainless steel



Opening width mm	Ø mm	Length mm	Working channel Ø mm	Item No
15	1,8	700	2,0	610570
20	1,8	1000	2,0	610571
20	1,8	1900	2,0	610572
30	2,4	1500	2,8	610573
20	2,4	1900	2,8	610574
30	2,4	2300	2,8	610575

Ball Basket — Autoclavable, stainless steel, rotatable



Opening width mm	Ø mm	Length mm	Working channel Ø mm	Item No
15	1,8	700	2,0	610600
20	1,8	1900	2,0	610601
30	2,4	1500	2,8	610602
30	2,4	2300	2,8	610603

Spiral Basket — Autoclavable, nitinol, rotatable



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	700	2,0	610620
1,8	1900	2,0	610621
2,4	1500	2,8	610622
2,4	2300	2,8	610623

SPRAY CATHETERS

Spray Catheter — Autoclavable, standard



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1000	2,0	610700
1,8	1200	2,0	610701
1,8	1500	2,0	610702
2,4	1600	2,8	610703
2,4	1800	2,8	610704
2,4	2100	2,8	610705
2,4	2300	2,8	610706

Spray Catheter — Autoclavable, wide spray



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1000	2,0	610700
1,8	1200	2,0	610701
1,8	1500	2,0	610702
2,4	1600	2,8	610703
2,4	1800	2,8	610704
2,4	2100	2,8	610705
2,4	2300	2,8	610706

AUTOCLAVABLE REUSABLE

Spray Catheter **Autoclavable, back spray**

	Ø mm	Length mm	Working channel Ø mm	Item No
	1,8	1000	2,0	610720
	1,8	1200	2,0	610721
	1,8	1500	2,0	610722
	2,4	1600	2,8	610723
	2,4	1800	2,8	610724
	2,4	2100	2,8	610725
	2,4	2300	2,8	610726

SCLEROTHERAPY NEEDLE

Sclerotherapy Needle **Autoclavable, stainless steel**

	Ø mm	Length mm	Needle Ø	Needle length mm	Working channel Ø mm	Item No
	1,8	1650	23G	4	2,0	610800
	1,8	1650	23G	6	2,0	610801
	2,4	1650	21G	4	2,8	610802
	2,4	1650	21G	6	2,8	610803
	2,4	1650	23G	6	2,8	610804
	2,4	2300	21G	4	2,8	610805
	2,4	2300	21G	6	2,8	610806
	2,4	2300	23G	4	2,8	610807
	2,4	2300	23G	6	2,8	610808

REUSABLE AUTOCLAVABLE

ELECTROSURGICAL SNARES

Electrosurgical Snare **Autoclavable, oval**

	Loop Ø mm	Ø mm	Length mm	Working channel Ø mm	Item No
	20	1,8	1000	2,0	610800
	10	1,8	1000	2,0	610801
	20	1,8	1600	2,0	610802
	10	1,8	1600	2,0	610803
	30	2,4	1600	2,8	610804
	20	2,4	1600	2,8	610805
	30	2,4	2300	2,8	610806
	20	2,4	2300	2,8	610807

Electrosurgical Snare **Autoclavable, hexagonal**

	Loop Ø mm	Ø mm	Length mm	Working channel Ø mm	Item No
	20	1,8	1000	2,0	611020
	10	1,8	1000	2,0	611021
	20	1,8	1600	2,0	611022
	10	1,8	1600	2,0	611023
	30	2,4	1600	2,8	611024
	20	2,4	1600	2,8	611025
	30	2,4	2300	2,8	611026
	20	2,4	2300	2,8	611027

Electrosurgical Snare **Autoclavable, oval, rotatable**

	Loop Ø mm	Ø mm	Length mm	Working channel Ø mm	Item No
	20	1,8	1000	2,0	611100
	30	2,4	1600	2,8	611101
	30	2,4	2300	2,8	611002
	20	2,4	2300	2,8	611003

AUTOCLAVABLE REUSABLE

ELECTRODES

Coagulation Electrode — Autoclavable

	Ø mm	Length mm	Working channel Ø mm	Item No
	1,8	1000	2,0	611200
	1,8	1200	2,0	611201
	1,8	1500	2,0	611202
	2,4	1600	2,8	611203
	2,4	1800	2,8	611204
	2,4	2100	2,8	611205
	2,4	2300	2,8	611206

Hot Biopsy Forceps — Autoclavable, oval fenestrated cups

	Ø mm	Length mm	Working channel Ø mm	Item No
	1,8	1000	2,0	611300
	1,8	1200	2,0	611301
	1,8	1500	2,0	611302
	2,4	1600	2,8	611303
	2,4	1800	2,8	611304
	2,4	2100	2,8	611305
	2,4	2300	2,8	611306

Needle Electrode — Autoclavable

	Ø mm	Length mm	Working channel Ø mm	Item No
	1,8	1000	2,0	611400
	1,8	1200	2,0	611401
	1,8	1500	2,0	611402
	2,4	1600	2,8	611403
	2,4	1800	2,8	611404
	2,4	2100	2,8	611405
	2,4	2300	2,8	611406

② STERILE R

BIOPSY FORCEPS

Biopsy Forceps — Disposable, oval cups

	Ø mm	Length mm	Working channel Ø mm	Item No
	1,8	1000	2,0	620010
	1,8	1200	2,0	620011
	1,8	1500	2,0	620012
	2,4	1600	2,8	620013
	2,4	1800	2,8	620014
	2,4	2100	2,8	620015
	2,4	2300	2,8	620016

Biopsy Forceps — Disposable, oval cups, coated

	Ø mm	Length mm	Working channel Ø mm	Item No
	1,8	1000	2,0	620010 C
	1,8	1200	2,0	620011 C
	1,8	1500	2,0	620012 C
	2,4	1600	2,8	620013 C
	2,4	1800	2,8	620014 C
	2,4	2100	2,8	620015 C
	2,4	2300	2,8	620016 C

Biopsy Forceps — Disposable, oval cups, with needle

	Ø mm	Length mm	Working channel Ø mm	Item No
	1,8	1000	2,0	620020
	1,8	1200	2,0	620021
	1,8	1500	2,0	620022
	2,4	1600	2,8	620023
	2,4	1800	2,8	620024
	2,4	2100	2,8	620025
	2,4	2300	2,8	620026

Biopsy Forceps — Disposable, oval cups, with needle, coated

	Ø mm	Length mm	Working channel Ø mm	Item No
	1,8	1000	2,0	620020 C
	1,8	1200	2,0	620021 C
	1,8	1500	2,0	620022 C
	2,4	1600	2,8	620023 C
	2,4	1800	2,8	620024 C
	2,4	2100	2,8	620025 C
	2,4	2300	2,8	620026 C

STERILE R 2

Biopsy Forceps **Disposable, alligator**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1000	2,0	620030
1,8	1200	2,0	620031
1,8	1500	2,0	620032
2,4	1600	2,8	620033
2,4	1800	2,8	620034
2,4	2100	2,8	620035
2,4	2300	2,8	620036

Biopsy Forceps **Disposable, alligator, coated**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1000	2,0	620030 C
1,8	1200	2,0	620031 C
1,8	1500	2,0	620032 C
2,4	1600	2,8	620033 C
2,4	1800	2,8	620034 C
2,4	2100	2,8	620035 C
2,4	2300	2,8	620036 C

Biopsy Forceps **Disposable, alligator, with needle**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1000	2,0	620040
1,8	1200	2,0	620041
1,8	1500	2,0	620042
2,4	1600	2,8	620043
2,4	1800	2,8	620044
2,4	2100	2,8	620045
2,4	2300	2,8	620046

Biopsy Forceps **Disposable, alligator, with needle, coated**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1000	2,0	620040 C
1,8	1200	2,0	620041 C
1,8	1500	2,0	620042 C
2,4	1600	2,8	620043 C
2,4	1800	2,8	620044 C
2,4	2100	2,8	620045 C
2,4	2300	2,8	620046 C

ENDOMED SYSTEMS
FLEXIBLE ENDOSCOPY

2 STERILE R

Grasping Forceps **Disposable, 3-prong**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1000	2,0	620500
1,8	1200	2,0	620501
1,8	1500	2,0	620502
2,4	1600	2,8	620503
2,4	1800	2,8	620504
2,4	2100	2,8	620505
2,4	2300	2,8	620506

BASKETS

Fold angular basket (tapered) **Disposable, stainless steel**



Opening width mm	Ø mm	Length mm	Working channel Ø mm	Item No
15	1,8	700	2,0	620540
20	1,8	1000	2,0	620541
20	1,8	1900	2,0	620542
30	2,4	1500	2,8	620543
20	2,4	1900	2,8	620544
35	2,4	2300	2,8	620545

Baskets Disposable (Nitinol) **Disposable**



Opening width mm	Ø mm	Length mm	Working channel Ø mm	Item No
15	1,8	700	2,0	620550
20	1,8	1000	2,0	620551
20	1,8	1900	2,0	620552
30	2,4	1500	2,8	620553
20	2,4	1900	2,8	620554
35	2,4	2300	2,8	620555

STERILE R 2

Spiral Basket **Disposable**

	Opening width mm	Ø mm	Length mm	Working channel Ø mm	Item No
	15	1,8	700	2,0	620560
	20	1,8	1000	2,0	620561
	20	1,8	1900	2,0	620562
	30	2,4	1500	2,8	620563
	20	2,4	1900	2,8	620564
	35	2,4	2300	2,8	62055

Fold Angular Basket (tapered) **Disposable, stainless steel, rotatable**

	Opening width mm	Ø mm	Length mm	Working channel Ø mm	Item No
	15	1,8	700	2,0	620600
	20	1,8	1000	2,0	620601
	20	1,8	1900	2,0	620602
	30	2,4	1500	2,8	620603
	20	2,4	1900	2,8	620604
	35	2,4	2300	2,8	620605

Spirality Basket **Disposable, nitinol, rotatable**

	Opening width mm	Ø mm	Length mm	Working channel Ø mm	Item No
	15	1,8	700	2,0	620620
	20	1,8	1000	2,0	620621
	20	1,8	1900	2,0	620622
	30	2,4	1500	2,8	620623
	20	2,4	1900	2,8	620624
	35	2,4	2300	2,8	620625

Fold Basket **Disposable, nitinol, rotatable**

	Opening width mm	Ø mm	Length mm	Working channel Ø mm	Item No
	15	1,8	700	2,0	620630
	20	1,8	1000	2,0	620631
	20	1,8	1900	2,0	620632
	30	2,4	1500	2,8	620633
	20	2,4	1900	2,8	620634
	35	2,4	2300	2,8	620635

2 STERILE R

SPRAY CATHETER

Spray Catheter **Disposable, standard**

	Ø mm	Length mm	Working channel Ø mm	Item No
	1,8	1000	2,0	620700
	1,8	1200	2,0	620701
	1,8	1500	2,0	620702
	2,4	1600	2,8	620703
	2,4	1800	2,8	620704
	2,4	2100	2,8	620705
	2,4	2300	2,8	620706

Spray Catheter **Disposable, wide spray**

	Ø mm	Length mm	Working channel Ø mm	Item No
	1,8	1000	2,0	620710
	1,8	1200	2,0	620711
	1,8	1500	2,0	620712
	2,4	1600	2,8	620713
	2,4	1800	2,8	620714
	2,4	2100	2,8	620715
	2,4	2300	2,8	620716

Spray Catheter **Disposable, back spray**

	Ø mm	Length mm	Working channel Ø mm	Item No
	1,8	1000	2,0	620720
	1,8	1200	2,0	620721
	1,8	1500	2,0	620722
	2,4	1600	2,8	620723
	2,4	1800	2,8	620724
	2,4	2100	2,8	620725
	2,4	2300	2,8	620726

STERILE R 2

ELECTROSURGICAL SNARES

Electrosurgical Snare — **Disposable, oval (snare with handle)**



Loop Ø mm	Ø mm	Length mm	Working channel Ø mm	Item No
20	1,8	1000	2,0	621000
10	1,8	1000	2,0	621001
20	1,8	1600	2,0	621002
10	1,8	1600	2,0	621003
30	2,4	1600	2,8	621004
20	2,4	1600	2,8	621005
30	2,4	2300	2,8	621006
20	2,4	2300	2,8	621007

Electrosurgical Snare — **Disposable, oval, rotatable**



Loop Ø mm	Ø mm	Length mm	Working channel Ø mm	Item No
20	1,8	1000	2,0	621100
10	1,8	1000	2,0	621101
20	1,8	1600	2,0	621102
10	1,8	1600	2,0	621103
30	2,4	1600	2,8	621104
20	2,4	1600	2,8	621105
30	2,4	2300	2,8	621106
20	2,4	2300	2,8	621107

2 STERILE R

ELECTRODES

Coagulation Electrode — **Disposable**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1000	2,0	621200
1,8	1200	2,0	621201
1,8	1500	2,0	621202
2,4	1600	2,8	621203
2,4	1800	2,8	621204
2,4	2100	2,8	621205
2,4	2300	2,8	621206

Hot Biopsy Forceps — **Disposable, oval cup**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1000	2,0	621300
1,8	1200	2,0	621301
1,8	1500	2,0	621302
2,4	1600	2,8	621303
2,4	1800	2,8	621304
2,4	2100	2,8	621305
2,4	2300	2,8	621306

Needle Electrode — **Disposable**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1000	2,0	621400
1,8	1200	2,0	621401
1,8	1500	2,0	621402
2,4	1600	2,8	621403
2,4	1800	2,8	621404
2,4	2100	2,8	621405
2,4	2300	2,8	621406

STERILE R 2

INJECTION NEEDLES

Injection Needle **Disposable**



Ø mm	Length mm	Needle Ø	Needle length mm	Working channel Ø mm	Item No
1,8	1650	23G	4	2,0	649100
1,8	1650	25G	4	2,0	649110
1,8	1650	23G	5	2,0	649100
1,8	1650	25G	5	2,0	649110
1,8	1650	23G	6	2,0	649100
1,8	1650	23G	8	2,8	649110
2,4	1650	21G	4	2,8	649100
2,4	1650	23G	4	2,8	649110
2,4	1650	25G	4	2,8	649100
2,4	1650	21G	5	2,8	649110
2,4	1650	25G	5	2,8	649100
2,4	1650	23G	6	2,8	649110
2,4	1650	25G	6	2,8	649100
2,4	1650	21G	8	2,8	649110
2,4	2300	23G	4	2,8	649100
2,4	2300	25G	4	2,8	649110
2,4	2300	23G	5	2,8	649100
2,4	2300	25G	5	2,8	649110
2,4	2300	23G	6	2,8	649100
2,4	2300	25G	6	2,8	649110

CYTOLOGY BRUSHES

Cytology Brushes **Disposable**



Ø mm	Length mm	Working channel Ø mm	Item No
1,8	1000	2,0	622000
1,8	1200	2,0	622001
1,8	1600	2,0	622002
2,4	1600	2,8	622003
2,4	2300	2,8	622004

ENDOMED SYSTEMS

2 STERILE R

ACCESSORIES

Blocks/ StrapsBite **Blocks/Head Straps for Endoscopy**



Description	Item No
Bite block, autoclavable (3 pcs per pack)	630000
Head strap, rubber type, reusable	630010
Head strap, disposable	630011
Bite-block with head strap, disposable, grey	630020

Capture Devices **Accessories for Endoscopy**

Description	Item No
Medicapture USB 170 capture system	641200
Medicapture for USB 200 capture system	641201
Medicapture for USB 300 capture system	641202
Medicapture footswitch USB 200/300	641203
Medicapture footswitch USB 170	631204

Bottles **Accessories for Endoscopy**



Description	Item No
Plastic bottle COMBO systems	649001
Glass bottle for DUO systems	649010

Leakage Tester **Accessories for Endoscopy**



Description	Item No
Leakage tester for COMBO systems	649100
Leakage tester for DUO systems	649110

STERILE R 2

Cleaning Set — Accessories for Endoscopy

	Description	Item No
	Manual cleaning set for COMBO systems	650100
	Manual cleaning set for DUO systems	650110

Valve Cleaning Brush — Accessories for Endoscopy

	Ø mm	Length mm	Description	Item No
	10	100	Reusable	650001
	10	100	Disposable	650010

Cleaning Brushes — Accessories for Endoscopy

	Description	Ø mm	Length mm	Working channel Ø mm	Item No
	reusable, single ended	6,0	1800	2,8 ~ 4,2	650020
	reusable, single ended	6,0	2200	2,8 ~ 4,2	650021
	disposable, double ended	6,0	1800	2,8 ~ 4,2	650030
	disposable, double ended	6,0	2200	2,8 ~ 4,2	650031
	disposable, double ended	3,0	1000	2,0 ~ 2,2	650032
	disposable, double ended	2,0	1000	1,2	650033

Miscellaneous — Accessories for Endoscopy

	Description	Item No
	Silicon oil 5 ml drop bottle	680001
	Biopsy cap for endoscopes, rubber type	680002

ELECTROSURGICAL UNITS

- High Frequency electrosurgical equipment

ELECTROSURGICAL UNIT ECUT 200TOUCH



The ECUT 200Touch is an advance high frequency electrosurgical unit, which is suitable for precise monopolar and bipolar surgery and micro-surgery without tissue alterations. The device can supply HF operative powers for programmable time as short as hundreds of a second.

Through its performances it allows pure CUT, cut-coagulation BLEND, incision with reduced production of eschar ENHANCED, superficial coagulation FORCED COAG, deep coagulation in absence of necrosis SOFT COAG, bipolar CUT and COAG. The digital reading of the delivered power and overseeing through microcontroller of the operational functions, assure the absolute reliability of the conditions of work.

- 7“ inch touchscreen display
- Adaptive power control
- Underwater bipolar cut
- Preset protocols

ECUT 200Touch **EndoMed Systems HF Surgical Unit**

Description	Item No.
High Frequency ESU Device, Mono and Bipolar, 200-Watt	644000



ELECTROSURGICAL UNIT
ECUT 200TOUCH

Technical Specifications

Device	
Patient circuit	F
RF power pulse emission time	10 ms - 30 sec
RF power pulse interval	1 - 30
Selectable input voltage	115 - 240 Vac
Mains frequency	50 - 60 Hz
Electrical input power	750 VA
Dimensions	370x145x300 WxHxD mm
Weight	5,8 Kg
Features	
• 7" inches touchscreen display with an intuitive interface	• Adaptive power control
• Activation power with pedal and/or handle	• Patient/plate contact control
• Split return electrode use allowed	• Vessel Sealing up to 7mm
• Monopolar and Bipolar independent output	• Underwater bipolar cut
• Minimally invasive surgical treatment allowed	• Auto start/stop in Bipolar Coag.
• RF power pulse emission time setting	• RF power pulse interval setting
• Least amount of lateral heat	• Less smoke in cutting mode
• Sound level control	• Planning of the working conditions
• Working condition storing	• Preset protocols
• Updating by USB	
Controls	
Controls	• Patient/Plate circuit monitoring
	• Output power monitoring
	• Automatic self-test
Power outputs	
FREQUENCY	360 kHz
Output CUT (CUT)	200W - 300 Ω
Output ENHANCED CUT (CUT)	150W - 300 Ω
Output BLEND (CUT /COAG)	150W - 300 Ω
Output FORCED (COAG)	150W - 200 Ω
Output SOFT (COAG)	100W - 200 Ω
Output FULGURATION(COAG)	100W - 1000 Ω
Output BIPOLAR PURE (CUT)	120W - 50 Ω
Output BIPOLAR TUR (CUT)	120W - 50 Ω
Output BIPOLAR COAG (COAG)	100W - 50 Ω
Output BIPOLAR SEALING (COAG)	200W - 50 Ω

ELECTROSURGICAL UNIT
ECUT 200TOUCH

Technical Specifications

Classification	
Safety	EN60601-1
	EN60601-2
	EN60602-2
Electrical Class	I CF
MDD 93/42/EC Class	II b
Standard accessories	
• Reusable handle with switches	• Cable for neutral electrode
• Holter for handle and electrodes	• Steel neutral electrode
• Assorted electrodes (x10)	• Disposable split neutral electrode (x2)
• Blade electrode 7 cm (x3)	• Waterproof foot switch
• Needle electrode 7 cm (x3)	• Power supply cable 5 m
• Ball electrode 6 cm (x3)	
Optional accessories	
• Reusable handle without finger switches	• Loop Electrode20x20 l.15 cm
• Steel neutral electrode 16x24cm with cable 3m	• Conization Electrode 13 cm
• Steel neutral electrode 16x24cm autoclave with cable	• Monopolar cable m4-f4
• Cable for neutral plate	• Monopolar cable m4-f2.8
• Bipolar Cable EU 3m	• Monopolar cable m4-mp4
• Twin Bipolar Cable 3m	• Bipolar Forceps 11,5cm TIP0.5mm
• Bipolar artery sealer forceps cable	• Curved Bipolar Forceps 11,5cm TIP0.5mm
• Disposable Neutral electrode	• Bipolar Forceps 20cm TIP 1mm
• Bipolar Artery Sealer 27cm TIP 3mm	• Bipolar Forceps 20cm TIP 2mm
• Bipolar Artery Sealer 25,5cm TIP 3mm	• Curved Bipolar Forceps 20cm TIP 1mm
• Bipolar Artery Sealer 17cm TIP 2mm	• Curved Bipolar Forceps 20cm TIP 2mm
• Blade Curved Electrode 7 cm	• Angled Bipolar Forceps 20cm TIP 1mm
• Needle Curved Electrode 7 cm	• Angled Bipolar Forceps 20cm TIP 2mm
• Needle Electrode 13 cm	• Angled Curved Bipolar Forceps 20cm TIP 1mm
• Ball Electrode Ø 2mm 6 cm	• Angled Curved Bipolar Forceps 20cm TIP 1mm
• Ball Curved Electrode Ø 2mm 5 cm	• Bipolar Electrode 20cm
• Ball Electrode Ø 3mm 6 cm	• Bipolar Electrode 20cm
• Ball Curved Electrode Ø 3mm 5 cm	• Bipolar Electrode 20cm
• Ball Electrode Ø 3mm 13 cm	• Monopolar Forceps 20cm TIP2mm
• Ball Curved Electrode Ø 4mm 6 cm	• Monopolar Surgical Scissors 18cm
• Ball Electrode Ø 5mm 6 cm	• Conductive rubber neutral electrode
• Ball Curved Electrode Ø 5mm 6 cm	• Conductive rubber split neutral electrode
• Ball Electrode Ø 5mm 14 cm	• Trolley 3 shelves wide
• Loop Electrode10x10 l.14 cm	• Trolley 5 shelves wide
• Loop Electrode20x13 l.14 cm	• Drawer for trolley

ELECTROSURGICAL UNIT

ECUT 300S



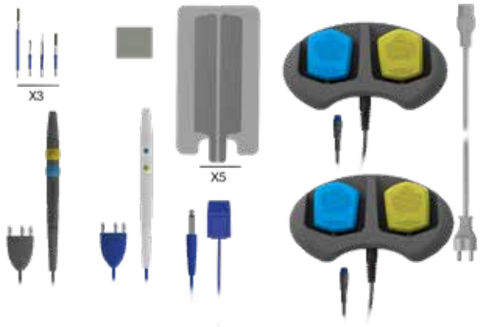
The ECUT 300S is an advanced high frequency electrosurgical unit. It enables the surgeon to perform mono and bipolar simultaneously.

It can be used in a wide range of applications such as: ambulatory surgery, endoscopy, first aid, gastroenterology, general surgery, gynecology, neurosurgery, otorhinolaryngology, orthopedics, pediatric surgery, plastic surgery, pneumology and urology vascular surgery.

- Twin operative activity
- Controlled cutting procedures
- Twin controlled coagulative procedures
- Wide bipolar features

ECUT 300S **EndoMed Systems HF Surgical Unit**

Description	Item No.
High Frequency ESU Device, Mono and Bipolar,300-Watt with Argon compatibility	805003



ELECTROSURGICAL UNIT

ECUT 300S

Technical Specifications

Device	
Patient circuit	F
Selectable input voltage	115 - 230 Vac
Mains frequency	50 - 60 Hz
Electrical input power	1000 VA
Dimensions	470x150x400 WxHxD mm
Weight	17,5 Kg
Controls	
Automatic power or TACS - Tissue Adaptive Contact System)	Monopolar CUT mode until 100-Watt
Controls	• Patient/Plate circuit monitoring • Output power monitoring • Automatic self-test • H.F. Leakage currents control • Compensation of mains fluctuation

Power outputs	
Maximum output power monopolar pure CUT	300 W - 300 Ω
Maximum output power monopolar cut-coag. CUT80%	250 W - 300 Ω
Maximum output power monopolar cut-coag. CUT60%	200 W - 300 Ω
Maximum output power monopolar cut-coag. CUT40%	150 W - 300 Ω
Maximum output power monopolar cut ENHANCED	200 W - 500 Ω
Maximum output power monopolar cut-coag. BLEND	200 W - 300 Ω
Maximum output power monopolar coag. SPEEDY	100 W - 500 Ω
Maximum output power monopolar coag. DEEP	100 W - 200 Ω
Maximum output power monopolar coag. SPRAY	70 W - 2000 Ω
Maximum output power monopolar coag. SPRAY ARGON	70 W - 2000 Ω
Maximum output power bipolar CUT	120 W - 50 Ω
Maximum output power bipolar cut-coag. CUT80%	120 W - 50 Ω
Maximum output power bipolar cut-coag. CUT60%	120 W - 50 Ω
Maximum output power bipolar cut-coag. CUT40%	100 W - 50 Ω
Maximum output power bipolar cut-coag. BLEND	120 W - 150 Ω
Maximum output power bipolar coag. COAG.	120 W - 50 Ω
Maximum output power bipolar coag. VESSEL SEALING	200 W - 50 Ω
Working frequency Monopolar / Bipolar	425 kHz / 525 kHz

ELECTROSURGICAL UNIT
ECUT 300S

Technical Specifications

Device	
Safety	EN60601-1
	EN60601-1-2
	EN60601-2-2
Electrical Class	I CF
MDD 93/42/EC Class	II b

Standard Accessories	
• Disposable handle with switches (5pcs)	• Cable for neutral electrode
• Reusable handle with switches	• Disposable split neutral electrode (5pcs)
• Blade electrode 7 cm (3 pcs)	• Electrode cleaning sponge
• Blade electrode 16 cm (3 pcs)	• Double water-proof foot-switch (2 pcs)
• Needle electrode 7 cm (3 pcs)	• Power supply cable 5 m
• Ball electrode 6 cm (3 pcs)	

Optional Accessories	
• Reusable handle without finger switches	• Loop Electrode20x20 l.15 cm
• Steel neutral electrode 16x24cm with cable 3m	• Conization Electrode 13 cm
• Steel neutral electrode 16x24cm autoclave with cable	• Monopolar cable m4-f4
• Cable for neutral plate	• Monopolar cable m4-f2.8
• Bipolar Cable EU 3m	• Monopolar cable m4-mp4
• Twin Bipolar Cable 3m	• Bipolar Forceps 11,5cm TIP0.5mm
• Bipolar artery sealer forceps cable	• Curved Bipolar Forceps 11,5cm TIP0.5mm
• Disposable Neutral electrode	• Bipolar Forceps 20cm TIP 1mm
• Bipolar Artery Sealer 27cm TIP 3mm	• Bipolar Forceps 20cm TIP 2mm
• Bipolar Artery Sealer 25,5cm TIP 3mm	• Curved Bipolar Forceps 20cm TIP 1mm
• Bipolar Artery Sealer 17cm TIP 2mm	• Curved Bipolar Forceps 20cm TIP 2mm
• Blade Curved Electrode 7 cm	• Angled Bipolar Forceps 20cm TIP 1mm
• Needle Curved Electrode 7 cm	• Angled Bipolar Forceps 20cm TIP 2mm
• Needle Electrode 13 cm	• Angled Curved Bipolar Forceps 20cm TIP 1mm
• Ball Electrode Ø 2mm 6 cm	• Angled Curved Bipolar Forceps 20cm TIP 1mm
• Ball Curved Electrode Ø 2mm 5 cm	• Bipolar Electrode 20cm
• Ball Electrode Ø 3mm 6 cm	• Bipolar Electrode 20cm
• Ball Curved Electrode Ø 3mm 5 cm	• Bipolar Electrode 20cm
• Ball Electrode Ø 3mm 13 cm	• Monopolar Forceps 20cm TIP2mm
• Ball Curved Electrode Ø 4mm 6 cm	• Monopolar Surgical Scissors 18cm
• Ball Electrode Ø 5mm 6 cm	• Conductive rubber neutral electrode
• Ball Curved Electrode Ø 5mm 6 cm	• Conductive rubber split neutral electrode
• Ball Electrode Ø 5mm 14 cm	• Trolley 3 shelves wide
• Loop Electrode10x10 l.14 cm	• Trolley 5 shelves wide
• Loop Electrode20x13 l.14 cm	• Drawer for trolley

ESU

ESU

ELECTROSURGICAL UNIT
ECUT 400S



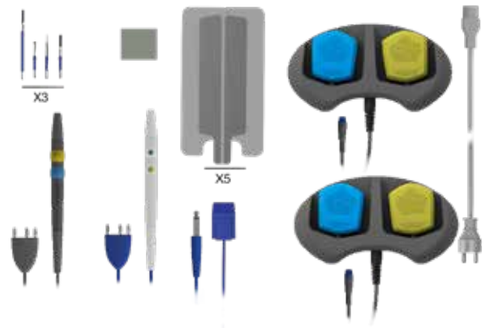
The ECUT 400S is an advanced high frequency electrosurgical unit. It enables the surgeon to perform mono and bipolar simultaneously.

It can be used in a wide range of applications such as: ambulatory surgery, endoscopy, first aid, gastroenterology, general surgery, gynecology, neurosurgery, otorhinolaryngology, orthopedics, pediatric surgery, plastic surgery, pneumology and urology vascular surgery.

- Twin operative activity
- Controlled cutting procedures
- Twin controlled coagulative procedures
- Wide bipolar features

ECUT 400S **EndoMed Systems HF Surgical Unit**

Description	**Item No.**
High Frequency ESU Device, Mono and Bipolar,400-Watt with Argon compatibility	805004



ESU

ELECTROSURGICAL UNIT
ECUT 400S

Technical Specifications

Device	
Patient circuit	F
Selectable input voltage	115 - 230 Vac
Mains frequency	50 - 60 Hz
Electrical input power	1000 VA
Dimensions	470x150x400 WxHxD mm
Weight	17,5 Kg
Controls	
Automatic power or TACS - Tissue Adaptive Contact System)	Monopolar CUT mode until 100-Watt
Controls	• Patient/Plate circuit monitoring • Output power monitoring • Automatic self-test • H.F. Leakage currents control • Compensation of mains fluctuation
Power outputs	
Maximum output power monopolar pure CUT	400 W - 300 Ω
Maximum output power monopolar cut-coag. CUT80%	300 W - 300 Ω
Maximum output power monopolar cut-coag. CUT60%	250 W - 300 Ω
Maximum output power monopolar cut-coag. CUT40%	200 W - 300 Ω
Maximum output power monopolar cut ENHANCED	250 W - 500 Ω
Maximum output power monopolar cut-coag. BLEND	250 W - 300 Ω
Maximum output power monopolar coag. SPEEDY	120 W - 500 Ω
Maximum output power monopolar coag. DEEP	120 W - 200 Ω
Maximum output power monopolar coag. SPRAY	100 W - 2000 Ω
Maximum output power monopolar coag. SPRAY ARGON	100 W - 2000 Ω
Maximum output power bipolar CUT	120 W - 50 Ω
Maximum output power bipolar cut-coag. CUT80%	120 W - 50 Ω
Maximum output power bipolar cut-coag. CUT60%	120 W - 50 Ω
Maximum output power bipolar cut-coag. CUT40%	100 W - 50 Ω
Maximum output power bipolar cut-coag. BLEND	120 W - 150 Ω
Maximum output power bipolar coag. COAG.	120 W - 50 Ω
Maximum output power bipolar coag. VESSEL SEALING	200 W - 50 Ω
Working frequency Monopolar / Bipolar	425 kHz / 525 kHz

ESU

ELECTROSURGICAL UNIT
ECUT 400S

Technical Specifications

Classification	
Safety	EN60601-1 EN60601-1-2 EN60601-2-2
Electrical Class	I CF
MDD 93/42/EC Class	II b
Standard Accessories	
• Disposable handle with switches (5pcs) • Reusable handle with switches • Blade electrode 7 cm (3 pcs) • Blade electrode 16 cm (3 pcs) • Needle electrode 7 cm (3 pcs) • Ball electrode 6 cm (3 pcs)	• Cable for neutral electrode • Disposable split neutral electrode (5pcs) • Electrode cleaning sponge • Double water-proof foot-switch (2 pcs) • Power supply cable 5 m
Optional Accessories	
• Reusable handle without finger switches • Steel neutral electrode 16x24cm with cable 3m • Steel neutral electrode 16x24cm autoclave with cable • Cable for neutral plate • Bipolar Cable EU 3m • Twin Bipolar Cable 3m • Bipolar artery sealer forceps cable • Disposable Neutral electrode • Bipolar Artery Sealer 27cm TIP 3mm • Bipolar Artery Sealer 25,5cm TIP 3mm • Bipolar Artery Sealer 17cm TIP 2mm • Blade Curved Electrode 7 cm • Needle Curved Electrode 7 cm • Needle Electrode 13 cm • Ball Electrode Ø 2mm 6 cm • Ball Curved Electrode Ø 2mm 5 cm • Ball Electrode Ø 3mm 6 cm • Ball Curved Electrode Ø 3mm 5 cm • Ball Electrode Ø 3mm 13 cm • Ball Curved Electrode Ø 4mm 6 cm • Ball Electrode Ø 5mm 6 cm • Ball Curved Electrode Ø 5mm 6 cm • Ball Electrode Ø 5mm 14 cm • Loop Electrode10x10 l.14 cm • Loop Electrode20x13 l.14 cm	• Loop Electrode20x20 l.15 cm • Conization Electrode 13 cm • Monopolar cable m4-f4 • Monopolar cable m4-f2.8 • Monopolar cable m4-mp4 • Bipolar Forceps 11,5cm TIP0.5mm • Curved Bipolar Forceps 11,5cm TIP0.5mm • Bipolar Forceps 20cm TIP 1mm • Bipolar Forceps 20cm TIP 2mm • Curved Bipolar Forceps 20cm TIP 1mm • Curved Bipolar Forceps 20cm TIP 2mm • Angled Bipolar Forceps 20cm TIP 1mm • Angled Bipolar Forceps 20cm TIP 2mm • Angled Curved Bipolar Forceps 20cm TIP 1mm • Angled Curved Bipolar Forceps 20cm TIP 1mm • Bipolar Electrode 20cm • Bipolar Electrode 20cm • Bipolar Electrode 20cm • Monopolar Forceps 20cm TIP2mm • Monopolar Surgical Scissors 18cm • Conductive rubber neutral electrode • Conductive rubber split neutral electrode • Trolley 3 shelves wide • Trolley 5 shelves wide • Drawer for trolley

MEDICAL MONITORS

- ENM-20 Monitor Series
- Full HD
- Touch option

MEDICAL MONITORS
ENM-20 SERIES





The ENM-20 series monitors are ideal for Endoscopy. With front IP65 protection, these screens put their strength to work wherever hygiene is of the utmost importance. The FHD and 4K resolution, the brilliant color reproduction and the optional touch panel make the monitor the perfect solution for endoscopic use.

The monitors are available in 21", 24", 27", 42" and 55" sizes. With its high contrast and great panel brightness, the screens fulfil all technical requirements to ensure the best picture and data reproduction

- Medically certified monitor
- Up to 55 inch with 4K resolution
- Flat surface for wipe-down disinfection
- Optional touchscreen version

Medical Monitors for Endoscopy

Description	Device	Item No.
Monitor 21" LED, Res 1920x1080, FHD	ENM 20-211	641021
Monitor 21" LED, Res 1920x1080, FHD,Touch Screen	ENM 20-211T	641121
Monitor 24" LED, Res 1920x1080, FHD	ENM 20-241	641024
Monitor 24" LED, Res 1920x1080, FHD, Touch Screen	ENM 20-241T	641124
Monitor 27" LED, Res 1920x1080, FHD	ENM 20-271	641027
Monitor 27" LED, Res 1920x1080, FHD, Touch Screen	ENM 20-271T	641127
Monitor 27" LED, Res 3840 x 2160 4K	ENM 20-271K	641227
Monitor 27" LED, Res 3840 x 2160 4K, Touch Screen	ENM 20-271KT	641327
Monitor 42" LED, Res 1920x1080, FHD, Touch Screen	ENM 20-421T	641142
Monitor 55" LED, Res 1920x1080, FHD, Touch Screen	ENM 20-551T	641155
Monitor 55" LED, Res 3840 x 2160 4K, Touch Screen	ENM 20-551KT	641355

ENDOSCOPY TROLLEYS

- Trolleys for flexible endoscopy
- Accessories

FLEXIBLE ENDOSCOPY TROLLEY

TROLLEY UNICART



The UNICART trolley is designed for flexible endoscopy systems and to carry the specific devices.

It is designed with double columns and build with a modular system, which makes adding or removing of related accessories and devices a lot easier. The device is painted in a special medical grade color.

- Solid & Stable
- High mobility
- Modular system
- Medical Paint
- Clip break feature
- Easy clean design

Trolley UNICART EndoMed Systems Flexible Endoscopy Trolley

Description	Item No.
EndoMed Trolley 'UNICART'	648500
Shelf 450 x 490 mm	648501
Shelf 450 x 490 mm with handle	648502
Shelf with key board tray and mousepad	648503
Drawer 450 x 490 mm	648504
Push handle	648505
Endoscope holder	648506
Twin monitor holder fixed	648507
Twin monitor holder adjustable	648508
Isolating transformer 600VA	648509
Isolating transformer 1200VA	648510

FLEXIBLE ENDOSCOPY TROLLEY

TROLLEY UNICART

Technical Specifications

Device	UNICART
Beam Height	1287 mm
Width and Depth	450 x 490 mm
Paint	Light grey
Wheels	4 breakable Twin wheels Ø 100 mm
Material	High strength Aluminium
Loading Capacity	80 Kg
Wheel points	555 x 625 mm
Total Height	1530 mm (without monitor holder 1287 mm)
Weight	50 Kg
Delivery	
Standard Configuration (648500)	• 1x Basic frame with 4 lockable twin castors Ø 100 m • 2x Shelves and one drawer • 1x Swivel and tilt monitor holder, adjustable up to 14 Kg • 1x Endoscope holder with clamp • 1x 6 equipotential bonding connectors • 1x On /off switch • 2x Rear cable winders
Options	• Keyboard drawer with mousepad (left/right) • Push handle • Endoscope holder • Twin monitor holder fixed • Twin monitor holder adjustable • Isolating transformer 600VA • Isolating transformer 1200VA
Environmental Conditions	
Temperature (Operation)	+10°C to +40°C
Temperature (Transport and Storage)	-20° C to +45°C
Max. relative humidity	During operation: 70% During storage and transport: 70%

TROLLEYS

EndoMed Systems GmbH
Schubertstrasse 31
88214 Ravensburg | Germany

Phone +49 751 35 978 0
Fax +49 751 35 978 102

www.endomed.com
email@endomed.com

© 2020 EndoMed Systems GmbH – All rights reserved.

EndoMed Systems GmbH reserves the right to make changes in specifications and features shown herein, or discontinue the product described at any time without notice or obligation. Contact your EndoMed Systems representative for the most current information.

EndoMed is a trademark of EndoMed Systems GmbH.

Rev. V. 1.03