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+ digital technology + manual assembly + permanent supervision
of each detail + respect for our work



Technika Światłowodowa®

= 5 year warranty

VIDEO - RECTOSCOPE BOB R-OM 100x2



- Stationary rectoscope with angled connector and CCD camera
- Stationary rectoscope
- Portable rectoscope with battery power supply

Cold Light Sources: BOB OM 100X1
BOB OM 100X2

Rectoscope set BOB - R OM – the medical device intended for research, diagnosis and treatment of diseases of the anus, rectum and sigmoid colon.

The kit includes: Cold light source, Fiber optic light guide, Head, Handle, Air pump. The Monitor is not part of the set. Monitor must be equipped with a TV card with a composite VIDEO-input.

ACCESSORIES:

- Angled adapter (NEW!) for introducing biopsy pliers without interrupting the observation on the monitor.
- CCD camera
- Portable battery LED illuminator
- Cotton wadding-holder *)
- Biopsy pliers *)
- Image Registration System *)
- Monitor LCD *)

*) Additional option on the customer order

Video set expanded to a computer program "IRIS" allows you to:

- Observe the procedure on any monitor screen
- Registration procedure on PC HD
- Running cards of patients
- Archiving the healing process
- The procedure saved on HD can be browsed in the continuous mode or frame-by-frame.

DESCRIPTION

Universal head with the handle and manual air pump is connected via optical fiber to light source halogen BOB OM-100 (with one or two independent tracks light). In its portable version the head is powered by battery LED illuminator.

Stationary version: you can attach the angled adapter and CCD camera which allows for better observation of the operating field on the monitor and record the image on an electronic medium (using an appropriate program to register the image). The physician can enter the biopsy forceps into the field of view (by sealed channel).

In the rectoscope you can use only disposable tubes:

- anoscopy - 8 cm length and 20 mm diameter
- proctoscopy - 13 cm length and 20 mm diameter
- sigmoidoscopy - 25 cm length and 20 mm diameter

The whole set has the relevant EU certificates (CE). High quality and functionality of our rectoscope have been awarded gold medal granted International Medical Equipment Fairs "SALMED" in Poznań.

TECHNICAL DATA

Halogen bulb power 100W/12V	Colour temperature halogen 3200 K	Light bulbs working time 1000 hours	Adjustment of the light intensity 0-100%
The dimensions of BOB OM 100x2	LxWxH 235x115x255	Camera CCD 1/3" 470 lines 1,0 lux/F 1,2 amplification -AUTO WHITE BALANCE - programmed, 40mm in diameter, 90mm long, weight with the cable 90 g, composite VIDEO-output	
Power supply 230V 50Hz	The mass (Total) 3,8 kg	Fiber optic light guide type STORZ length 1,8 m, in diameter 4,8 mm	
Angled connector adjusting the rotation angle: 360 ° Working sealed channel: diameter 5 mm		Biopsy pliers NOPA catalog # KX 052/46	
Light source LED 1W Power supply Battery: 3xAAA 1,5V	Colour temperature 5000 K Electronic adjustment of the light intensity 0-100%	LED maximum period of continuous operation: 3 hours	

Manufactured in EU

Founded in 1944
23 years on the medical market

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