

MEDIPO - ZT s.r.o.

ASSOCIATION OF MANUFACTURES AND SUPPLIERS OF MEDICAL DEVICES

office: Kohoutova 24, 613 00 Brno
tel./fax: 548 525 348
e-mail: info@medipo.cz

workplace: Slamenikova 23, 614 00 Brno
tel./fax: 545 210 119
www: http://www.medipo.cz

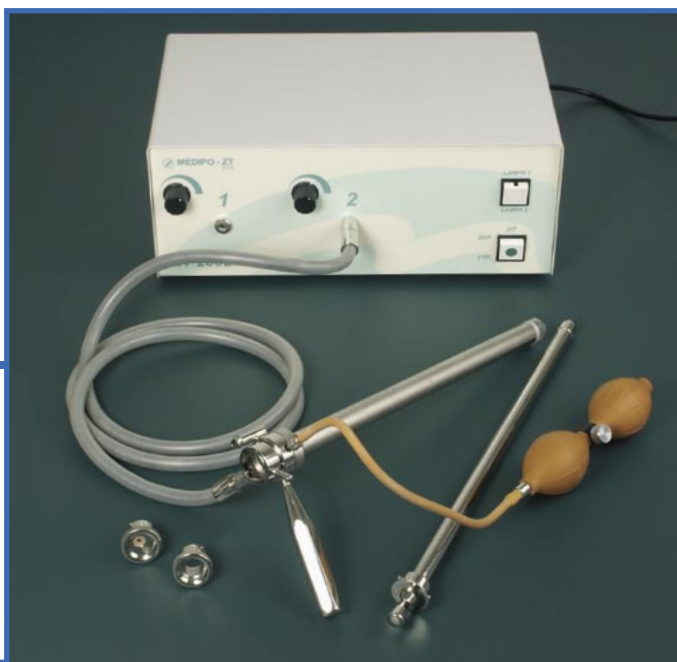
.....E N D O S K O P E S.....

1. REKTOSKOPE MT 1100

The rectoscope MT 1100 is a calibrated rigid endoscope designed for basic examination, sampling of tissues and therapeutic interventions in the area of rectum. It is used in connection with a source of cold light type MT 2002, fitted with a flexible optical cable. The instrument is stored in a case together with an introduction hose, a rubber balloon with a valve for production of overpressure, a gland with a sight glass and a gland for instruments (biopsy pliers, swab pliers). The instrument tube is provided with a scale to determine the depth of introduction.

Technical specification:

Tube O.D.:	20 mm
Tube I.D.:	16 mm
Tube length:	300 mm
Case dimensions::	500 x 400 x 160 mm
Halogen source of cold light:	
Dimensions:	360 x 230 x 155 mm
Weight:	5 kg

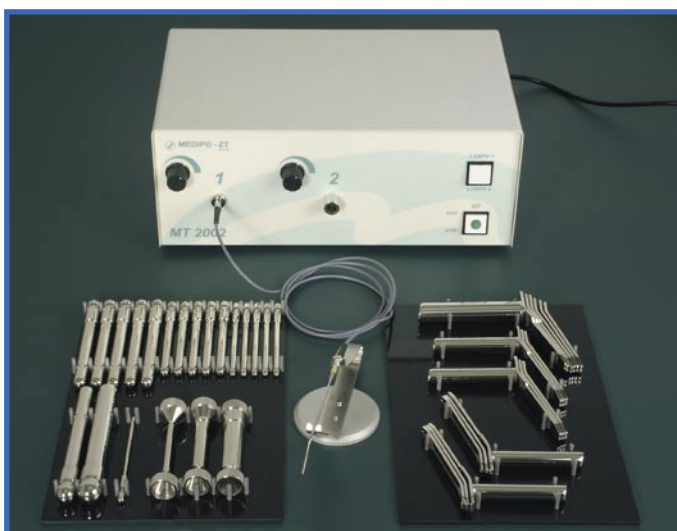


2. CHILDREN'S VAGINOSCOPE MT 1000

The vaginoscope is designed for easy execution of gynaecological examination of children and women with narrow vaginal entry, where the Scherbok's mirror cannot be used. It is used in connection with a source of cold light type MT 2002 with a flexible optical cable. Using the vaginoscope it is possible to see changes on the vaginal mucosa and the cervix. There can also be seen any strange object and its position inside. Another advantage of this vaginoscope is the fact that execution of a surgical extension of the vaginal entry is not necessary. This instrument enables early diagnostics of a malignant tumour (sarkoma kordicoides) and recognition of haemorrhaging from vaginal walls and the cervix. Therefore it is not necessary to execute laparotomy with majority of innate defects or malformations, because the cervix can be seen using the vaginoscope.

Technical specification:

Weight of the vaginoscope incl. case:	4kg
Case dimensions:	400 x 280 x 100 mm
Introducer and mirror diameter:	
5 mm (length 70 mm)	1 pc,
7 mm (length 70 mm)	5 pcs,
10 mm (length 70 mm)	5 pcs,
14 mm (length 80 mm)	5 pcs,
16 mm (length 100 mm)	1 pc,
20 mm (length 100 mm)	1 pc.



Optics for diameter:

5 mm - 1 pc, 7 mm - 1 pc, 10 mm - 1 pc, 14 mm - 1 pc,
16 mm - 1 pc, 20 mm - 1 pc, podstavec - 1 pc, podložka - 1 pc
Par of package is Halogen source of cold light incl. one
optical fibre cable and one holder of light.

3. AMNIOSKOPE MT 1200

AMNIOSCOPE is the endoscope intended for the diagnostic method called amnioscopy. It enables executing of an amnion, amniotic fluid, and foetus part. It is inserted into a cervix up to above its internal os uteri. It can be used most often particularly in the late pregnancy, particularly if the foetus may be endangered.

Three sizes of conical tubes (the narrower ends – 12 mm, 16 mm, and 20 mm) are located in a plastic case. The elastic fibre optic link onto which end the rigid fibre optic link – the light carrier – is connected used for light energy transmission from a light source is available in the set. The rigid fibre optic link enables lighting of the tube internal area. The set is fitted also with a brush for cleaning.

Tubes and other metal parts are manufactured from brass with surface finishing. The surface of tube inner walls is matted in order to avoid light reflection during examination. For the orientation purpose, the centimetre scale indicating the insertion depth is available on the outside wall of tube jackets.

The device is used with MI 2002 cold light source.



Technical specification:

Tube I	Ø 12 mm	Length 200 mm	3 pcs
Tube II	Ø 16 mm	Length 200 mm	1 pc
Tube III	Ø 20 mm	Length 200 mm	1 pc
Light carrier			2 pcs

Fibre optic link	Length 1 600 mm	1 pc
Brush for cleaning		1 pc
Portable case	500 x 400 x 160 mm	1 pc

HALOGEN LIGHT SOURCES MT 2002

Halogen light sources MT 2000 are lamps with two outputs feeding light-guide cables of medical instruments. Halogen light sources Series MT 2000 can be used also outside the health service, e.g. as a light source for microscope, in car repair shops, in optical drills, etc.

Halogen light sources are produced in desk-top arrangement. Two lamps are built into a varnished cover of the device; one for use, the other as standby in case of failure. The alternating operation of lamp sources is the other possibility. The power transformer, ventilator and wiring are located in the cover. The ON / OFF switch, source selector, output connectors and regulators of light intensity are located on the front panel of the device. The light control indicates turning of the ON / OFF switch. The device is equipped with the circuit which automatically turns off the supply in case of any failure, such as the overheating or ventilator failure, and provides audible alarm.

If ordered, a universal design of halogen light source with one outlet for the MT 1000 children's vaginoscope and the other outlet for the MT 1100 rectoscope can be delivered. Output connectors may be adapted in accordance with other requirements of a customer.



Technical specification:

Dimensions:	360 x 230 x 155 mm
Weight:	5 kg
Power supply:	230V/50 Hz class I according to ČSN EN 60 601-1
Power input:	110 VA
Lamp type:	OSRAM 64619(EPX), 5V 90W
Light regulation:	four-stage
Lighting color:	white-yellow

Halogen light sources in implementation of connectors for use with Children's vaginoscope and Amnioskope or Rektoskope.