



THD REVOLUTION



Use

THD Revolution is an electromedical device which, combined with the THD Slide, makes it possible to perform ligation of the haemorrhoidal arteries using a Doppler probe and subsequent mucopexy to correct prolapse.

General description

THD Revolution is equipped with a doppler module with high sensitivity digital signal processing, with automatic reduction of background noise.

It is equipped with a powerful LED light source, with brightness adjustment from 30 to 100%, and anti-glare system for optimum illumination of the work area.

The device is equipped with a display for monitoring operations, to guide the operator through the various settings, to provide information on the status of the device and any accessories connected to it. Device functions are easily operated through the buttons on the front.

THD Revolution can also be used as a light source independent of the Doppler by using it in illuminator mode. Additional features:

- Minor maintenance required
- Low heat emission
- Low noise emission
- Lightweight

THD Revolution can be supplied with a dedicated trolley (Rolling Cart).



Electrical characteristics		
Power supply	Voltage	115-220V $\pm 10\%$
	Power consumption	100 VA
	Frequency	50/60 Hz
Overcurrent protection	Fuses	2x1.6 (external), 20x5 fast fuses
Insulation	Class	I

Electromedical characteristics		
Device type	Risk class	Ila (according to 93/42/EC)
Protection against contact	Type	BF (according to IEC/EN 60601-1)
Protection against substance penetration	IP degree	IPX0 (according to IEC/EN 60529)
Use in the presence of anaesthetic gases		No
Conditions of use		Suitable for continuous operation
Device dimensions and weight	Dimensions	34x30x17 cm (13.385x11.811x6.692 in)
	Weights	3,5 Kg (7 lb)

REF. 800139		THD REVOLUTION Package Contents	
Code	Qty	Description	Specifications
700017	1	THD Revolution	Doppler unit with light source
880012	2	Curved fibre-optic cable	Autoclavable fibre-optic cable with curved tip
750001	1	Multi-use needle holder	Reusable Needle Holder with tungsten carbide inserts
800063	1	Doppler Probe	Single Use Doppler probe
320004	1	Power Cable	Hospital grade cable for power supply connection
880006	1	THD Pedal	On/Off Footswitch for Doppler signal muting
370056	1	THD Revolution Instruction Manual	
370032	2	Fibre optics Instruction Manual	
370017	1	Doppler Probe Instruction Manual	

THD REVOLUTION ACCESSORIES		
Sale Code	Description	Specifications
880025	Curved fibre-optic cable	Autoclavable fibre-optic cable with curved tip
880003	Multi-use needle holder	Reusable Needle Holder with tungsten carbide inserts
TUSX88014	Rolling Cart	Dedicated support trolley on castors
880006	THD Pedal	On/Off Footswitch for Doppler signal muting