

MESIC™ Technical Specifications

Technical data summary

Line frequency	50/60Hz
Mains voltage	100-240V--(± 10%)
Main fuse	T5AH 250 V(quantity:2)
Max.power consumption	150VA
Widthxheightxdepth	350x355x136mm
Weight	7.6kg
Display	LCD, 7"
Classification according to EC Directive 93/42/EEC	IIb
Protection class according to EN 60601-1	I
Type according to EN 60601-1	CF
Output frequency	55.5±0.5KHz
Output power	35watts Maximum

Ambient conditions for storage and transport

Temperature	- 35°C to + 54°C
Relative humidity	10% to 80%
Atmospheric pressure	70 kPa to 106 kPa

Ambient conditions for operation

Temperature	+ 15°C to + 27°C
Relative humidity	30% to 75%
Atmospheric pressure	70 kPa to 106 kPa

MESIC™ Ordering Informations

Description	Code
14 cm disposable Shear	MUS14
23 cm disposable Shear	MUS23
36 cm disposable Shear	MUS36
45 cm disposable Shear	MUS45

Handpiece

Description	Code
Handpiece/Transducer(reusable)	MUHP-01

Generator

Description	Code
Generator	MUGEN-01

Optional accessories

Description	Code
Footswitch	MUFS-02

Meril

Endo-Surgery

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Meril

Endo-Surgery

Ultrasonic Energy Solution with Quality,
Durability and Versatility

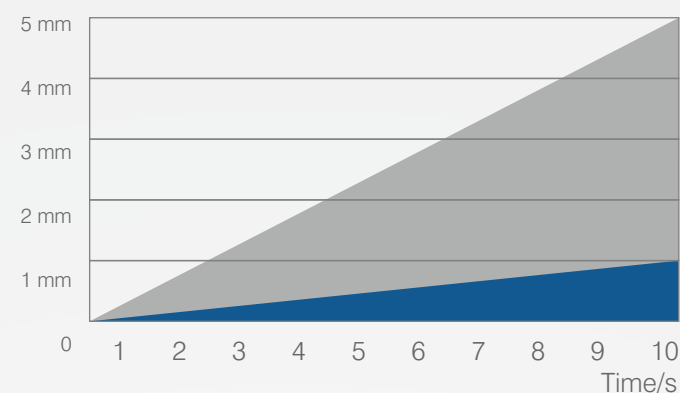


Mesic™
Ultrasonic Shear System



Enhanced Safety

Lateral thermal damage



Minimal lateral thermal tissue damage, safe operation in important organs. Decrease probability of intraoperative ligation and reduce blood loss.



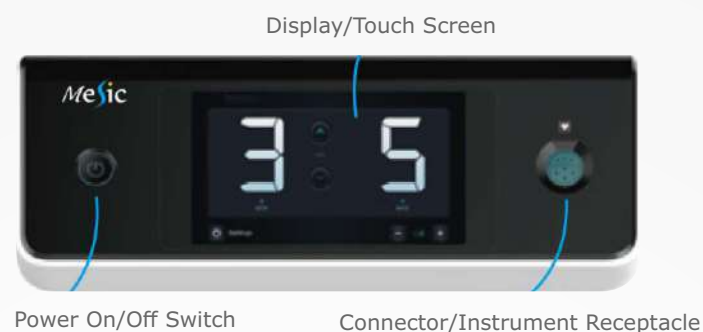
No electricity passes through the patient



Can be used in patients with cardiac pacemaker

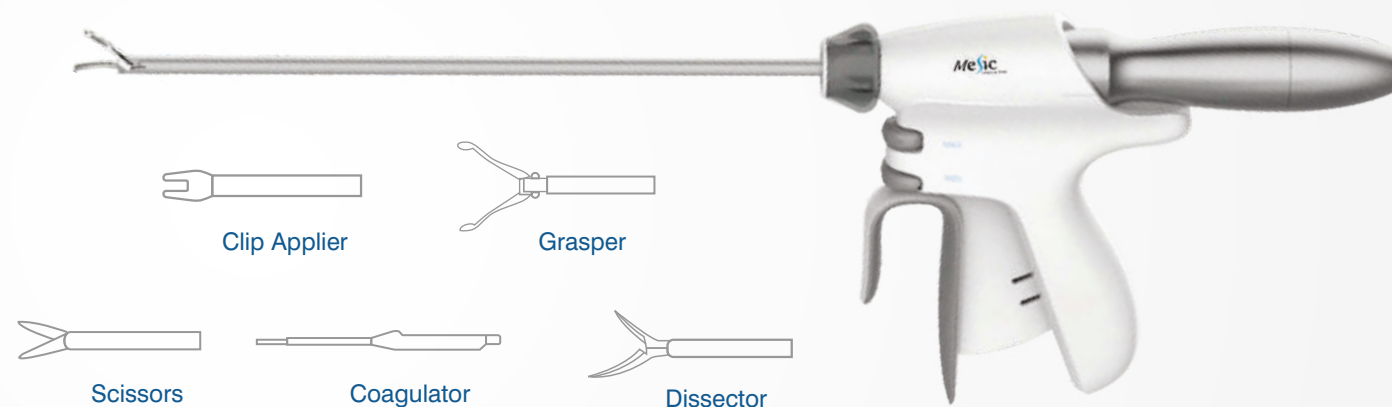
No electricity passes through the patient, avoiding neuromuscular stimulation and safe for use in patients with the cardiac pacemaker.

High-performance compression energy



- Safe: controlled energy orientation at the instrument tip
- Time saving: cutting and coagulation with a single instrument
- Precise: effective dissection and haemostatic sealing with high tactile feedback

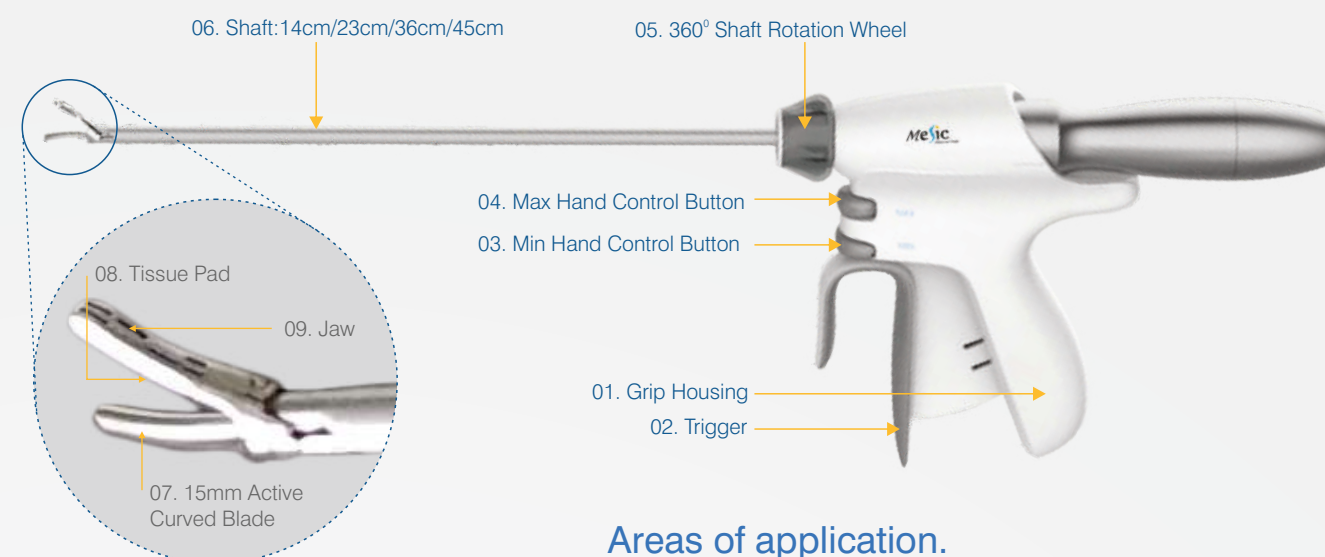
Multi-functionality



Ultrasonic scalpel has multiple functions such as hemostasis, cutting, grasping, dissection, etc. So it can reduce the intraoperative replacement of instruments and shorten the operation time.

Precise Operation, Easy Handling

Curved Shears With Ergonomic Handle--PR14/PR23/PR36/PR45



Areas of application.

- General Surgery
 - Upper Gastrointestinal
 - Colorectal
 - HPB
 - Bariatric Surgery
- Gynaecology
- Urology
- Thoracic Surgery

Steps to use

1. Close the Trigger and hold
2. Activate (by MIN/ MAX hand button/footswitch)

Advantage



The process of shaft rotation wheel, control button and trigger are using soft rubber. The streamline ergonomic design of grip housing, holding operation is comfortable.

The instrument with gripping force cushion and auditory feedback to guarantee for the reliable working.

Precise Assembly

Tactile & auditory feedback, easy to precise assembly.

