

MIMS[®] CE

MINIMALLY INVASIVE MICRO SCLEROSTOMY

TECHNICAL SPECIFICATIONS



Built with a sturdy handheld design for precise control, with contoured details for ease of operation

Product Description

The Minimally Invasive Micro Sclerostomy (MIMS[®]) device is a surgical machine intended to create a drainage channel at the sclera-corneal junction; extending from the anterior chamber to the sub-conjunctival space; intended for the reduction of elevated Intraocular Pressure (IOP); for use by trained professional ophthalmologists. The device is comprised of a single-use MIMS[®] Surgical Component and a multi-use MIMS[®] Activation Device.

The MIMS[®] Activation Device multi-use components are used to activate the surgical tool in order to remove the sclero-corneal tissue, comprised of: (1) MIMS[®] Controller which dictates the activation pulse duration and RPM, (2) Multi-use MIMS[®] Stand (3) multi-use MIMS[®] Motor and MIMS[®] Motor Hose unit, (4) MIMS[®] Footswitch, assisting the user to activate the device, (5) and AC Cable.



Operational controller includes a touchscreen constructed for safe repeated use & rapid programming

General Information

| | |
|--|---------------------|
| Control Unit Weight | 0.58 kg |
| Control Unit Dimensions (Width/Height/Depth) | 115 / 85 / 177 mm |
| Motor Weight | 0.056 kg |
| Motor Hose Weight | 0.138 kg |
| Motor Dimensions (Diameter / Length) | Ø20.5 / 30 mm |
| Motor Hose Length | 2000 mm |
| Foot Pedal Weight | 0.72 kg |
| Foot pedal Dimensions (Width/Height/Depth) | 155 / 115 / 153 mm |
| Stand Dimensions (Width/Height/Depth) | 82/58/72 mm |
| Rotation Directions | Clockwise / Counter |
| Sound Level | < 40 dBA |
| Instrument Connection Type | ISO 3964 short |
| Protection Class | II |

Environmental Information

| | |
|---------------------|----------------------|
| Ambient Temperature | 10-40 °C / 50-104 °F |
| Relative Humidity | 30 - 75 % |
| Max Altitude | 2000 M |
| Air Pressure | 700 - 1060 hPa |



Foot pedal durably constructed for simple hands-free control and accurate timing response

Power Specifications

| | |
|--|---------------------|
| Rated Voltage | 100-230 V AC |
| Rated Frequency | 50/60 hz |
| Power Consumption | 8-15 (max20) VA |
| Motor Speed Range (both directions) | 500-8000 rpm |
| Output Torque | Max 3.0 N*cm |
| Motor Current | Max 5.7 A/Phase |
| Motor Voltage | Max 15 V AC |
| Operation Mode | Continuous Duty |
| Overvoltage Category | II |
| Pollution Degree | P2 |
| Device Classification Part IEC 60601-1 | Type B |
| Protection Category | IP 20 |
| Default Speed / Duration | 3000 rpm / 2.7 Sec. |

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