

TECHNICAL SPECIFICATIONS

BAUSCH+LOMB
MIMS[®]
 Minimally Invasive Micro Sclerostomy



BUILT WITH A STURDY HANDHELD DESIGN FOR PRECISE CONTROL, WITH CONTOURED DETAILS FOR EASE OF OPERATION



FOOT PEDAL DURABLY CONSTRUCTED FOR SIMPLE HANDS-FREE CONTROL AND ACCURATE TIMING RESPONSE

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: MIMS[®] Controller which dictates the activation pulse duration and RPM, Multi-use MIMS[®] Stand multi-use MIMS[®] Motor and MIMS[®] Motor Hose unit, MIMS[®] Footswitch, assisting the user to activate the device, and AC Cable

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.



OPERATIONAL CONTROLLER INCLUDES A TOUCHSCREEN CONSTRUCTED FOR SAFE REPEATED USE & RAPID PROGRAMMING



CONTRAINDICATIONS

MIMS[®] is contraindicated if one or more of the following conditions exist:

- Patient <18 years.
- Shaffer grade < III in quadrant of the procedure.
- Previous surgery in the eye or other condition (such as trauma) where the conjunctiva is not intact and elastic.
- Presence of ocular disease such as severe dry eye, active proliferative retinopathy, active iris neovascularization, active uveitis, ocular infection, severe blepharitis, epithelial or fibrous down growth.
- Vitreous present in anterior chamber, silicone -oil bubbles present in the anterior chamber.
- MIMS[®] procedure in the same eye in the last month.
- Pregnant or lactating women.

GENERAL INFORMATION

Control Unit Weight	0.58 kg
Motor Weight	115 / 85 / 177 mm
Control Unit Dimensions (Width/Height/Depth)	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
Sound Level	Clockwise / Counter
Rotation Directions	< 40 dBa
Instrument Connection Type	ISO 3964 short
Protection Class	II

ENVIRONMENTAL INFORMATION

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