



TECHNICAL SPECIFICATIONS



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



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



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: (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.

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	70 - 1060 hPa

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.

Contact Us to Learn More

info@Sanoculis.com
www.Sanoculis.com

