EyeOP1® Device for the treatment of glaucoma
Utilizing High Intensity Focused Ultrasound (HIFU)

TECHNICAL SPECIFICATIONS SHEET
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Precisely what you, the glaucoma specialist, have been waiting for - a simple, non-invasive way to treat your patients’ condition for good, in a predictable and reproducible manner.

The simple-to-use, portable EyeOP1® device will enable you to perform an UC3 (Ultrasonic Circular Cyclo-Coagulation) procedure... safely, effectively and in almost less time than it takes to say “refractory glaucoma”. Because the procedure is non-invasive it is well-tolerated and patient recovery is swift. Because the treatment is automated, extremely accurate and clinical variables kept to a minimum, outcomes are consistent from one patient to the next.

For the first time, EyeOP1® offers a solution for glaucoma that is simple, safe, effective, predictable and well-tolerated.

Method used: Circular Cyclo Coagulation with Ultrasound: UC3

Frequency: 21 MHz
Acoustic power: 2 watts
Firing phase duration: Four seconds per sector

Sectors:
- One to 6 activatable sectors covering up to 60% of the circumference of the ocular globe
- Cylindrical-shaped beam focused onto a segment
- Six piezoceramic transducers each with a radius of 10.2 mm and an active area of 30 mm²

Therapeutic probe (sterile, single-use):
- Centering cone with suction ring
- Three available diameters: 11, 12 and 13 mm

Operator console:
- Compact lightweight module with built-in aspiration and ultrasound firing components
- Dimensions (cm): 36 (l) x 32 (w) x 26 (h)
- Weight: 7 kg
- Power supply: 110 V/60 Hz or 220-250 V/50 Hz
- One dual function foot pedal (suction and firing)
- Touch screen
- Thermal printer

The EyeOP1 device is currently unavailable in the United States and has not been evaluated or approved for use by the U.S FDA.