MicroPulse® P3

GLAUCOMA DEVICE

Innovative Cyclophotocoagulation with MicroPulse Technology Powered by the New CYCLO G6™ Glaucoma Laser System

Specifications

- Wavelength: 810 nm infrared
- Weight: 4.8 kg (10.5 lb)
- Dimensions: 27 cm x 29.5 cm x 19.7 cm (10.6” W x 11.6” D x 7.8” H)
- Connector Type: SmartProbe RFID with Laser Parameter Memory
- Electrical: 100-240VAC, 50/60Hz, <0.8 A
- Cooling: Air cooled
- Exposure Duration: CW-Pulse: 10 ms – 9000 ms in 606 increments and continuous pulse up to 60 seconds
- Exposure Interval: CW-Pulse: 10 – 3000 ms in 598 increments and One Pulse
- MicroPulse® Duration: MicroPulse: 0.05-1.0 ms in 19 increments
- MicroPulse Interval: MicroPulse: 1.0-10.0 ms in 90 increments
- MicroPulse Duty Cycle: Continuously adjustable from 0.5%-50%, and preset selections of 5%, 10%, and 15% duty cycles
- Aiming Beam: Diode laser, 635 nm nominal
- Treatment Power: 50-3000 mW, depending on delivery device

Additional Features

- Countdown Timer with audible/voice confirmations
- Programmable user presets for up to 10 individual presets
- Optional power-adjust wireless footswitch (wired footswitch included)
- Color LCD Touchscreen interface
- Backlit control knobs and Treat/Standby button
- Optional Remote Control (high viewing angle, color LCD touchscreen)

Ordering

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<tr>
<th>Product</th>
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<th>Units per Box</th>
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<td>MicroPulse P3</td>
<td>15522</td>
<td>6</td>
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<tr>
<td>G-Probe™</td>
<td>15980</td>
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<tr>
<td>Laser Console</td>
<td>CYCLO-G6-SYSTEM</td>
<td>-</td>
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CYCLO-G6 supports single-use devices only.

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Products are covered by one or more of the following U.S. patents: 5,511,085; 5,982,786; 6,272,291; 6,540,391; 6,735,490; 7,766,004; 7,771,417; 7,305,816; 5,987,406; 6,272,756; 6,691,866; 6,735,347; 6,800,376; 6,866,142; 7,337,053; 8,177,777; 8,455,105; 7,857,832; 6,952,607; G26; 859,290,008; 8735,081; 004,615; 070,541,513; CA 759193; JP 414,947; EP 100,096; CA 226,002; JP 40,044,64; JP 45,705,08; JP 48,107,494; JP 512,037; JP 513,026.

U.S. and international Patents Pending may apply.

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The MicroPulse P3 device has become an essential part of my armamentarium for use in glaucoma surgical procedures. It provides a very safe and efficacious solution for IOP control. I have used MicroPulse P3 for some of my most complicated cases but also I feel comfortable enough using it for patients with earlier disease in which we want to avoid a filtering bleb or the placement of hardware in the eye.

Robert Noecker, MD, MBA

Proprietary MicroPulse® Technology
MicroPulse technology finely controls thermal elevation by "chopping" a continuous-wave (CW) laser beam into a train of repetitive short pulses allowing tissue to cool between pulses and reduce thermal buildup preventing visible tissue damage.

Efficacy - Confidence in IOP Control
Long-term results from National University Hospital (NUHS), Singapore prospective clinical study:
• 33% IOP reduction at 18 months, N = 38 patients
• 61% med reduction (2.1 to 1.3)
• 73% success rate with 1.3 sessions

“...The MicroPulse P3 device has given me over 30% IOP lowering. With patients that are non-compliant with their medication, or we are really trying to keep off their medication, the MicroPulse P3 device allows me to treat patients more aggressively.”

Steven Vold, MD