

# Medical Technical Products Model 2000 Premium Phaco



- Advanced Cataract Removal System
- State-of-the-Art Performance
- Cold Phaco Capability
- Easy-to-Use Precise Controls
- FDA Approved
- ISO Certified Quality
- Affordable Price



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### Features and Benefits

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**Feature-packed, Easy-to-Use Console:** Ergonomically designed for ease of operation, with large, easy-to-read displays. The console is *extremely* simple to operate. No programming, no complex displays, no waiting, no confusion.

**Continuously Autotuned Emulsification:** The most advanced high-power ultrasonics available can emulsify all nuclei from the softest to the very hardest densities. Continuous autotuning circuitry gives the cataract surgeon superior control at all power levels and nuclei densities. U/S Pulse and U/S Cold modes offer additional flexibility.

**All-Titanium Phaco Handpiece:** Constructed entirely of the ultimate surgical metal, this phaco handpiece will not corrode. Far better than stainless steel, titanium completely ends the possibility of corrosion. Lightweight and virtually indestructible, this phaco handpiece's comfort and feel are unsurpassed by any other.

**Hi-Performance Footpedal:** Multi-function footpedal with tactile feedback provides precise proportional control. Cast aluminum construction and polyurethane-armored cable make this footpedal extremely durable, yet small and lightweight.

**Advanced Irrigation and Aspiration:** The low-pulsation, six roller peristaltic pump gives the cataract surgeon complete vacuum and aspiration flow rate control, as well as freedom from anterior chamber shallowing. Multiple audible tones continuously convey system status. Vacuum is fully adjustable, providing safe and adequate vacuum for the latest phaco techniques.

**Built-in Vitrectomy and Cautery:** An internal air compressor eliminates the connection to an external air source for vitrectomy. Cutting rate is adjustable over a wide range, including a single-cut setting for optional pneumatic scissors. Bipolar diathermy delivers predictable tissue cauterization.

**Superior Components Provide Reliability:** Unsurpassed component quality, from the precision peristaltic pump to the rugged stainless steel vacuum transducer, this phaco is built to last. All sheet metal and fasteners are stainless steel for superior corrosion resistance.

**Most Economical Choice:** MTP's phacos are significantly lower in price than available phacos from other manufacturers. Additionally, all accessories are reusable, ensuring the lowest cost per cataract extraction.

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### Technical Information

Feature	Yes
All Titanium Phaco Handpiece	✓
Continuous Autotuning	✓
Three (3) Phaco Modes	✓
Low-Pulsation Peristaltic Pump	✓
Separate U/S Vacuum Control	✓
Independent Vacuum & Flow Controls	✓
Multiple Audible Status Tones	✓
Reflux On-Demand	✓
Pneumatic Vitrectomy	✓
Bipolar Cautery	✓
Reusable Accessories	✓
Small and Compact	✓
No Complicated Menu System	✓
No Programming Required	✓
Superior Components	✓
Multi-Function, Linear-Control Footpedal	✓
U/S Timer with Reset	✓

Mode	Specification
CAUTERY	CAUTERY POWER: 0 to 100%, 1 MHz, 10 W into 600 ohms
I/A	ASPIRATION RATE: 0 to 50 cc/MIN I/A VACUUM: 0 to 650 mmHg
U/S	U/S POWER: 0 to 100%, 40 kHz ASPIRATION RATE: 0 to 50 cc/MIN U/S VACUUM: 0 to 200/650 mmHg
U/S PULSE	U/S POWER: 0 to 100%, 40 kHz ASPIRATION RATE: 0 to 50 cc/MIN U/S VACUUM: 0 to 200/650 mmHg Pulse Rates: <ul style="list-style-type: none"> <li>• LO 4.5 PPS</li> <li>• MED 6.5 PPS</li> <li>• HI 10 PPS</li> <li>• XTR 15 PPS</li> </ul>
U/S COLD	U/S POWER: 0 to 100%, 40 kHz ASPIRATION RATE: 0 to 50 cc/MIN U/S VACUUM: 0 to 200/650 mmHg Pulse Widths: <ul style="list-style-type: none"> <li>• LO 20 mS</li> <li>• MED 40 mS</li> <li>• HI 90 mS</li> <li>• XTR 200 mS</li> </ul>
VITRECTOMY	CUT RATE: 60 to 600 cuts/MIN, Single Cut ASPIRATION RATE: 0 to 25 cc/MIN I/A VACUUM: 0 to 650 mmHg

- FDA Approved
- ISO 13485 Quality Certification
- Satisfies IEC 60601-1 Specification
- Made in the USA

General	Specification
Dimensions	Height: 14.6 cm (5.7 in) Width: 41.2 cm (16.2 in) Depth: 33.0 cm (13.0 in)
Weight	Weight: 7.4 kg (16.4 lbs)
Electrical	100 to 240 VAC, 50 to 60 Hz

## Standard Accessories

- Footpedal
- Phaco Handpiece
- Phaco Tip, 30°
- I/A Handpiece
- Aspiration Tip
- Aspiration Tip, 45°
- Tubing Kit
- Irrigation Sleeve
- Test Chamber
- Vitrector
- Cautery Forceps/Cable



**Thousands of Phacos  
Sold Worldwide**

### **Medical Technical Products**

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