



Optical Fiber Polishing Machine

APM-HDC-5400

The Industry Leading Optical Fiber Polishing Machine Offers Additional Features.

The APM-HDC-5400 polishing machine integrates many new customer driven design attributes. Advancements include increased polishing pressure up to 24lbs, AbraSave+ innovation, integrated Micro-G controls, bi-directional polishing platen, improved overarm handle and lock mechanism, illuminated arm push button displaying machine status and a built-in alert horn.



Machine Features:

- PC Based system with 10" swipe action touch screen
- Force programmable in .01 lbs. increments up to 24lbs for ultra-precision control
- Integrated Micro-G controls and Electronics
- Delayed pressure start for denub
- Programmable soft start for pressure and speed
- Programmable ramp down for pressure and speed, and auto start into next step
- Calibrated pneumatic force control with load cell feedback loop
- Auto Calibration when using EZ CAL USB Load Cell
- Automated force compensation for partially populated fixture
- Programmable speed control from 0-200 rpm
- Programmable polishing film counter with new AbraSave+ innovation
- Programmable Bi-directional Platen rotation with Platen Indexing to locate at programmed position
- Integrated Horn and Machine Status Light
- Multiple language options
- Equipped with drip tray and standard splash guard, (high volume and dual cam optional)
- User prompts for abrasive film, rubber pad durometer, lubrication and other pertinent operation parameters
- Features USB drive for process back-up and easy transfer to other machines
- Programmable machine maintenance section
- 8" platen available for High Volume polishing
- CE certified
- Zero load time between screen changes and recipe transfers

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