

ACP 24

Automated Connector Polisher

#1 in
Customer
Support

AUTOMATED POLISHING

100% CONTROL OF SYSTEM

CHANGE POLISHING TIMES,
PRESSURE, & MOTOR SPEEDS

- AUTOMATED FIBER STUB REMOVAL
- EASILY CREATE & SAVE CUSTOM POLISHING PROCEDURES
- FACTORY PRESET POLISHING PROCEDURES
- TOUCH SCREEN INTERFACE FOR EASY USE
- TOUCH SCREEN IS BOTH WATER & CHEMICAL PROOF
- PATENTED FIGURE 8 POLISHING PATTERN
- DESIGNED FOR HIGH VOLUME SINGLE & MULTI MODE POLISHING
- CONSISTENT HIGH YIELD REPEATABLE PERFORMANCE
- WORKS WITH EXISTING MCP24 FIXTURES

Introducing the ACP24

Automated polisher from Nanometer Technologies.

With the ACP24 you can now automate fiber stub removal, polishing times, pressure, & motor speeds for each step. Complete polishing procedures are stored inside of the ACP24 to save time and ensure repeatability. Create, save, and recall custom polishing procedures for custom jobs. Polishing Procedures can be saved to a computer for easy back up or for transferring to another ACP24.

The ACP24 utilizes our patented figure 8 polishing pattern that's found in all our MCP line of polishers.

Inquire about custom application repeatability.



ASR

Automated Fiber Stub Removal



Automate fiber stub removal with the **ASR system** available only from Nanometer Technologies. This is the only automated fiber stub removal on the market today. The ASR is integrated with the ACP 24 and includes built-in pre-programmed processes.

- Save time and money by removing multiple fiber stubs at once
- No more removing stubs one at a time by hand
- Works with existing Nanometer Tech Fixture Plates
- Patent Pending



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Simplified Polishing

With Touchscreen Technology

Touchscreen Specifications:

Timer: 1 second to 15 minutes
 Air Pressure: 0 - 20 PSI
 Motor Speeds: 10 - 75 RPM



Easily select different styles of polishing procedures by connector type.



Manually input, control & save custom procedures.



Edit user created procedures. Easily change pressure, motor speed & time.

ACP 24 Advantages:

Figure 8 Polishing Pattern

Exclusive patented design utilizing the industry standard figure 8 polishing technique for optimal control of the geometry of your fiber.

Versatility

Easily accommodates a full range of industry standard polishing styles to accommodate single mode polish specs: PC, UPC, APC, FLAT, and DOMED.

Polishes a wide variety of connectors including: ST, FC, SC, APC, MTP (up to 72 fibers), Mil 29504, Mil 38999, SMA, E2000, Radial Luxcis, T-Foca, bare fiber, bare plastic & many more.

Polish a wide variety of ferrule material including all types of ceramic, glass, stainless steel, plastic, bare fiber, bare plastic, titanium & several others.

The ACP 24 features a pneumatic pressure system, which allows for flexibility that is required to attain consistent accurate results.

Single Mode Specifications:

Radius of Curvature	7-30 MM
Apex Offset	< 50uM
Undercut / Protrusion	< 50Nm

Back Reflection:

PC	-45dB
UPC	-55dB
APC	-65dB
Multi-Mode	-35dB
Maximum Connector Load	48
Weight	37 lbs. (16.9 Kilograms)
Size	14.5" W x 14.75"L x 14"H



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