

# MCP 24

Mass Connector Polisher

- Polish up to 32 connectors at a time
- Exclusive Patent Figure 8 Polishing Pattern
- Designed for High Volume Single and Multi-Mode Polishing
- Polish to Industry Level Standards: TIA, IEC/Bellcore, & GR326
- Consistent Repeatable Performance
- CE Certified Units Available



The MCP 24 from Nanometer Technologies is the ideal fiber optic polisher for high quality connector polishing. This versatile polisher is designed for the stringent needs of fiber-optic cable assembly production. With the ability to polish up to 32 connectors at once and control the polishing process on every level, the MCP 24 is the perfect solution to your polishing needs.

The MCP 24 features consistent and repeatable processes that easily attains the industry level standards for polishing including the specifications for TIA, IEC/Bellcore, & GR326. Our patented figure 8 polishing system let's users tightly control the radius, apex offset and fiber height. The MCP 24 also utilizes a pneumatic pressure system, which allows for greater flexibility that is required to attain consistent accurate results.

The MCP 24 can polish a wide range of connectors and accommodates a full range of industry standard polishing styles including PC, UPC, 8 DEG APC, 10 DEG APC, FLAT, SPHERICAL, RADIUS, & DOMED. The MCP 24 can also polish a wide variety of ferrule material including ceramic, glass, stainless steel, and plastic. Our universal polishing fixture accommodates FC, SC, ST, FDDI, E2000PC, and most 2.5mm Ferrules, thus reducing the need for several different polishing fixtures.

The MCP 24 is very easy to use. Desired results can be achieved with minimal training be even the most inexperienced user. Every polisher comes with a detailed training CD to familiarize technicians with our polishing methods.

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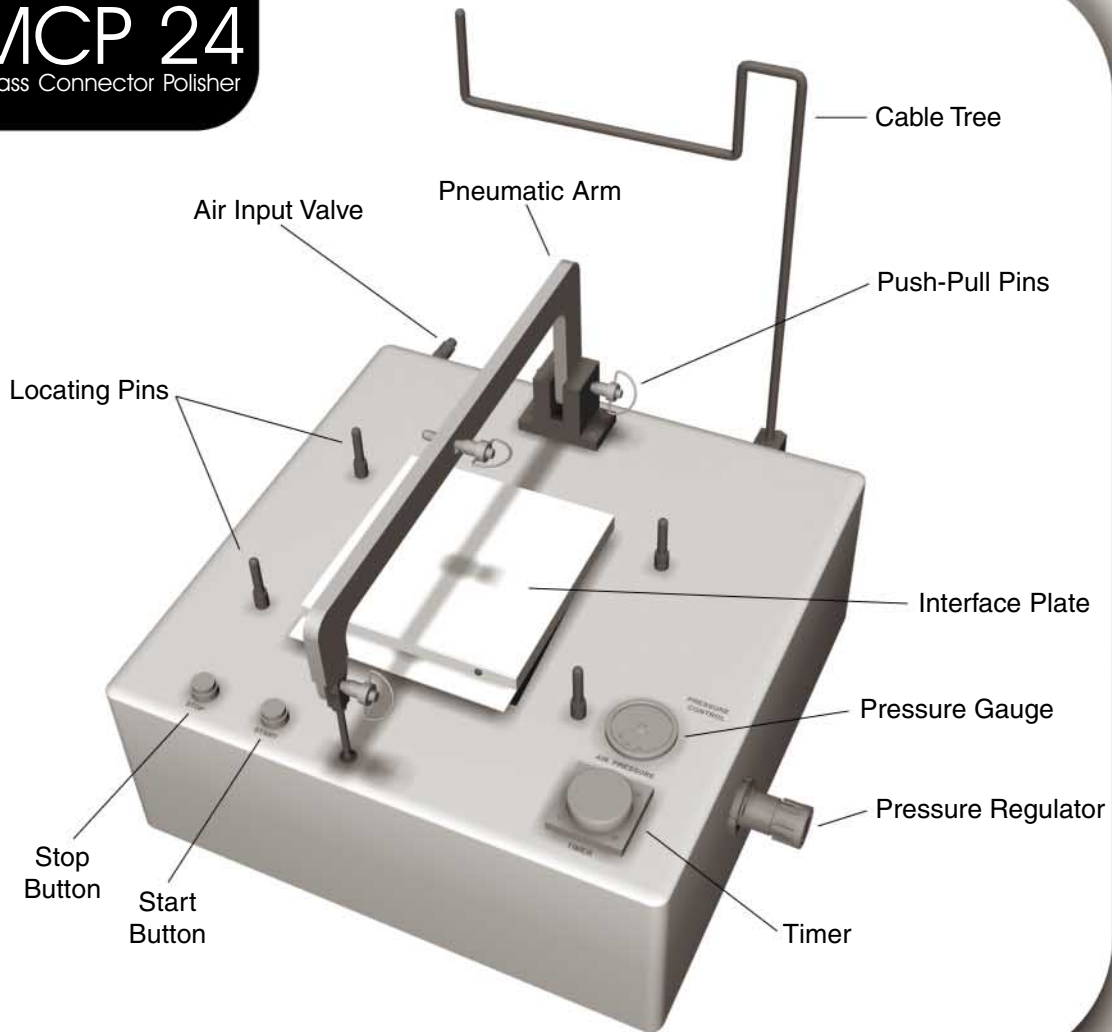
2501 Golden Hill Road • Paso Robles, CA 93446 • Tel: (805) 226-7332 • Fax: (805) 226-8753 • [www.nanometer.com](http://www.nanometer.com)

MASS CONNECTOR POLISHER

## Technical Information

# MCP 24

Mass Connector Polisher



### Specifications:

Radius of Curvature	7-30 MM
Apex Offset	< 50uM
Undercut / Protrusion	< 50Nm
BackReflection:	
PC	-45dB
UPC	-55dB
APC	-65dB
Multi-Mode	-35dB
Maximum Connector Load	32
Weight	30 lbs. (13.6 Kilograms)
Size	16 1/2"W x 17"L x 12"H

### Advantages:

#### Figure 8 Polishing Pattern

exclusive patent design utilizes the original polish methods which tightly controls the radius, apex offset and fiber undercut.

#### Universal Fixture Plate

Accommodates FC, SC, ST, FDDI, E2000PC, and 2.5mm Ferrules.

#### Versatility

Easily accommodates a full range of industry standard polishing styles: UPC, UPC, 8 DEG APC, 10 DEG APC, FLAT, SPHERICAL, RADIUS, and DOMED.

Polish a wide variety of ferrule material including: ceramic, glass, stainless steel and plastic.

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

Every MCP 24 polisher comes with an easy-to-follow Training CD.

# MCP 24

## Fixture Plates



**FC/APC** - 12 Position



**V-Groove Glass Capillary**  
(1.8 ferrule - 8 degree) - 24 position



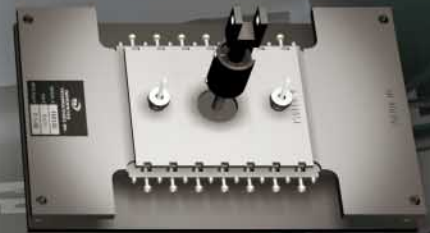
**SC/APC** - 12 Position



**MT** - 14 Position  
(Available in APC style)



**LC 'Snap-in'** - 24 Position



**MT/RJ** - 14 Position  
(Available in APC style)



**UNI-32** - 32 Position  
FC / SC / ST / ESCON / FDDI / DIN  
and most 2.5mm ferrule



**UNI-24** - 24 Position  
FC / SC / ST / ESCON / FDDI / DIN  
and most 2.5mm ferrule



**LC & MU** - 24 Position

### Custom Fixture Plates Available

At Nanometer Technologies, we design custom fixtures for fiber optic polishing applications.

Our Research and Development Department designs custom fixtures on a regular basis. This keeps the turn around time for your custom needs to a minimum.

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