

## Polish with Micron-Level Precision

Micron-Level Accuracy | Real-Time Monitoring

| SPECIFICATION                             | DESCRIPTION  |
|---|--|
| Power                                     | 750W (1hp), 110V   |
| Wheel Speed (rpm)                         | 0-350 rpm  |
| Grinding Disc Diameter                    | 8 or 10-inch   |
| Rotating Direction                        | 10mm   |
| GRINDING HEAD                             | DESCRIPTION  |
| Head Speed (rpm)                          | 0-150 rpm<br>(in 1 rpm increments)                                     |
| Rotation Direction                        | Clockwise/ Counter-clockwise   |
| Sample Semi-rotation                      | 0-50 rpm   |
| Swing                                     | Adjustable speed   |
| Sample Load                               | 0-300 grams  |
| Vertical Positioning Resolution           | 1 micron   |
| Torque                                    | 0.8N/M   |
| Maximum removal                           | 10mm   |
| ATTO PARAMETERS                           | DESCRIPTION  |
| Operating Temperature                     | -20°C (-4°F) - 60°C (140°F)  |
| Operating Humidity                        | 0-95% Relative Humidity  |
| Dimension (W*D*H)                         | 27.6 x 16.9 x 22.8-inch<br>(700 x 430 x 580mm)                         |
| Weight                                    | 125.7 lbs (57kg)   |
| Abrasive & Lubricant Dispenser (optional) | 4 (24V) Programmable peristaltic pumps, see information for ZETA-2000S |

**2 year warranty**  
Limited warranty



Real-Time Monitoring



Micron-Level Accuracy

### Achieve Micron-Level Precision with ATTO

The ATTO Micro-Polisher is a state-of-the-art programmable machine designed for precise semiautomatic sample preparation across a wide range of materials for microscopic evaluation (optical, SEM, FIB, TEM, AFM, etc.). With dual micrometers (pitch and roll) enable precise adjustments to sample tilt relative to the abrasive plane to achieve micron-level accuracy. Monitor material removal in real time or set quantitative removal for unattended operation.

### Intuitive Controls & Advanced Features

ATTO features a 7-inch touchscreen panel with an intuitive interface. It can accept an 8 or 10-inch disk/working wheel. Operates at 0 to 350rpm, with clockwise & counter-clockwise platen rotation. The LCD screen shows real-time material removal with 0.2µm resolution and ±2µm accuracy. It includes 16 pre-set grinding and polishing parameters, plus the option to save custom settings.



Machinery directive 2006/42/EC  
RoHS Directive 2011/65/EU



Scan the QR code to  
learn more about the  
ATTO-1000S



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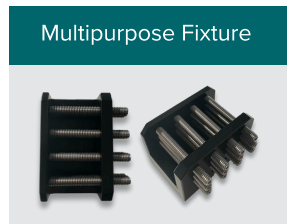
## FIXTURES



Part no. A1S-A-PAF



Part no. A1S-A-TF



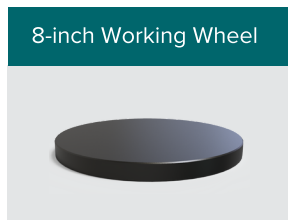
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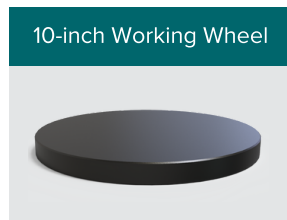
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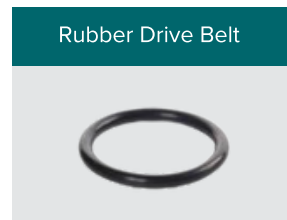
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Part no. A1S-A-PW-8



Part no. A1S-A-PW-10



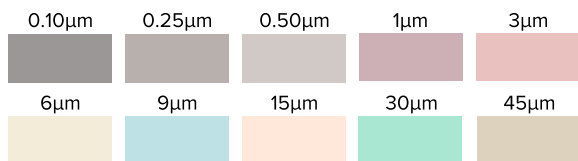
Part no. A1S-A-RDB

## CONSUMABLES

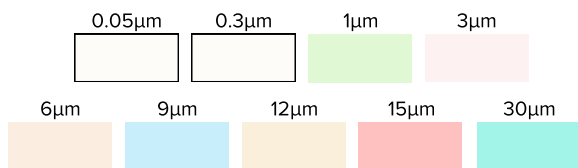
Lapping films and lubricants are essential consumables for achieving precision and consistency when using a micron-level polisher in metallography. Together, these tools enable high-quality, reproducible results critical for accurate metallographic analysis.

### Lapping Films

#### DIAMOND COLOR CODING LAPPING FILMS



#### ALUMINA COLOR CODING LAPPING FILMS



Alumina and Diamond Lapping Films are offered with both plain and adhesive backing options, available in sizes of 8, 10, and 12 inches.



### Lubricants

DIALUBE Water-Based Lube (16oz, 32oz, 1/2 gal, 1 gal)  
DIALUBE Blue Alcohol-Based Lube (32oz, 1 gal, 5 gal)  
DIALUBE Purple Alcohol-Based Lube (32oz, 1 gal, 5 gal)  
POLYLUBE Red Anti-Corrosion Lube (32 oz, 1 gal)



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