



Polisher Recirculating Filter System

PACE Technologies
3601 E. 34th St
Tucson, AZ 85713 USA
Phone +1-520-882-6598
FAX +1-520-882-6599
https://www.metallographic.com
email pace@metallographic.com

RC-1000A NANO Polisher Recirculating Filter System



Recirculating Filter System

The RC-1000A portable recirculating filter system allows for polishers to be mobile as well as to filter and remove polishing swarf and abrasives generated from PACE Technologies NANO series polishers. Utilizing a positive pressure pump, the recirculating filter system is able to provide clean water containing 0.2 µm particles, thus eliminating waste flow to the building drainage system.

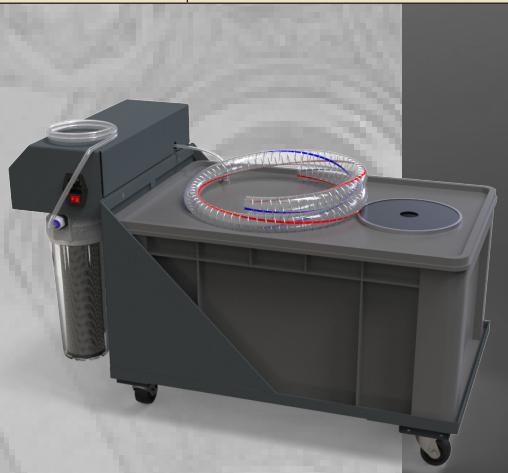
The filtering process begins with a coarse filter to eliminate coarse materials such as ripped polishing pads or torn grinding papers. With a three chamber tank and counter current flow coarse abrasives can also settle when the pump is not activated. As water is required, the pump will engage and pull the effluent through a series of fine filters starting with a 1 µm filter, followed by a filter 0.5 µm and then to a 0.2 µm filter.

FEATURES:

- Series of three replaceable filters (1, 0.5 and 0.2 µm)
- Positive pressure 24V pump (connected to 110V power supply)
- 1.3 GPM maximum flow
- Easy to use
- Easy to operate

Technical Specifications:

Feature	Specification
Filtering	Coarse (2-straining filters) Fine Filters (1, 0.5 and 0.2 µm)
Pump	24VDC Diaphragm Pump, 1.3 GPM (5 L/min)
Dimensions (W x D x H)	31.5 x 16.5 x 19.5-inch (800 x 420 x 495 mm)
Tank Volume	14 gallons (53 L)
Weight	30 lbs (14 kg)
Part Number	RC-1000A



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