

TwinPrep 5™
Grinder/Polisher




- ❖ **Independently Controlled Platens**
 - ❖ **Stable, Durable Table-Top Design**
 - ❖ **Dual, Powerful ½ HP (375 W) DC Motors**
 - ❖ **Touch Pad Switches Control Main Functions**
 - ❖ **Variable Speed with Digital Display: 10-500 RPM**

TwinPrep 5™ Grinding/Polishing Machines

The **TwinPrep 5™** grinding/polishing machine is recommended for manual sample preparation of a wide variety of materials. Dual, powerful ½ HP (375 W) DC motors provide constant high-torque output throughout the RPM range, digitally displayed from 10-500. Platens rotate independently, and either 8" (203 mm) or 10" (254 mm) aluminum or magnetic platens can be used. The stable, corrosion-resistant aluminum and stainless steel construction ensures maximum durability.



Features:

- ❖ Independently controlled platens
- ❖ Variable speed with digital display: 10 - 500 RPM (10 RPM increments)
- ❖ Touch pad switches control run/stop and coolant functions
- ❖ Dual, 1/2 HP (375 W) DC motors provide constant high-torque output
- ❖ Stable, corrosion resistant aluminum and stainless steel construction
- ❖ Quick-change platen design, anodized to resist wear and corrosion
- ❖ Corrosion/impact resistant cover
- ❖ Low profile, table-top design
- ❖ Independent electronic coolant controls with adjustable valves
- ❖ Bowl flush in each bowl prevents buildup of debris
- ❖ Dimensions: 31" W x 26" D x 9.5" H (780 x 660 x 240 mm)
- ❖ Weight: 136 lb. (62 kg)
- ❖ Two (2) year warranty
- ❖ Designed & manufactured by Allied in the USA 

TwinPrep 5™ 8" Grinder/Polisher

Item	Description
5-7600	TWINPREP 5™ 115/230V 50/60 Hz, 1 Phase

Includes: (2) Splash Rings, (2) Platen Covers

Note: Platens are sold separately

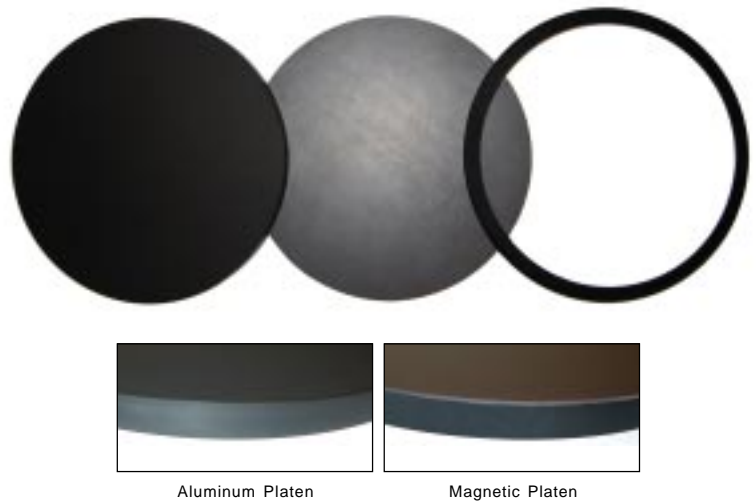


Accessories

Aluminum platens are used with plain or adhesive back SiC discs or adhesive back, multiple-use grinding/polishing discs. If using with multiple-use grinding/polishing discs, it is recommended that one platen per disc be used.

Magnetic Platens feature a non-slip magnetic foil which is permanently adhered to an aluminum platen and used with Magnetic System grinding and polishing discs. They provide a convenient method for quick and easy changing of the disc without the need to exchange or invest in multiple platens.

Paper holding bands are used to secure plain back abrasive discs to aluminum platens. The inside of the band edge is designed to accommodate discs that may overhang the platen edge so the paper does not fold onto itself. They are adjustable to fit metric and imperial size platens.



Platen Diameter	Aluminum Platen	Magnetic Platen	Paper Holding Band
8"/200 mm	5-2005	5-2005M	125-10011
10"/250 mm	5-6010	5-6010M	125-10012

Facility Requirements:

Inlet Tubing Size (OD):	1/4" (6.35 mm)
Inlet Water Pressure (PSI):	25 min, 50 max 1.76 kg/cm ² /3.52 kg/cm ²
Drain Tube (OD/Length):	1.5/4 Ft. (1.25" ID) (38.1 mm/101.6 mm, 31.75 mm ID)
Drain rate (gal./minute):	1.0 (3.78 L) @ 30 PSI

TwinPrep 5™ Technical Data:

Motors:	1/2 HP (375 W) x 2
Platen Speed:	10-500 RPM
Dimensions:	31" W x 26" D x 9.5" H (780 x 660 x 240 mm)
Weight:	136 lb. (62 kg)

Global Distribution of



The World's Finest Products



Equipment is subject to change due to innovations/improvements at any time.

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