

BENETEC^{Ltd}

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Sample Preparation Equipment & Supplies

Cutting, Mounting & Polishing,
Metallurgical Samples & Other Materials

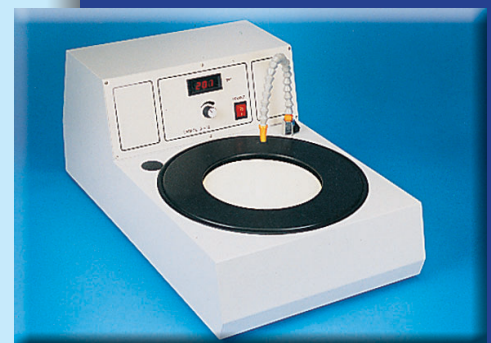
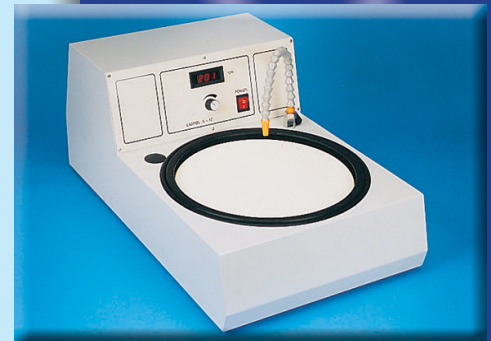
LABPOL 8-12 CONVERTIBLE POLISHER/GRINDER

Single platen polisher/grinder with interchangeable platens

The Labpol 8-12 has been designed as a compact bench top manual polisher/grinder for the preparation of samples for surface structure examination in the optical microscope or SEM. It can be configured as required with platen sizes 8in/203mm, 230mm, 250mm or 12in/305mm diameter. To change from one platen size to another simply remove the guard, lift off the platen from the locating pegs and replace with another platen size and guard. The platen is located on a platen support which rotates in a rugged bearing housing. The platen support is driven by 0.44KW / 0.6HP DC motor and speed controller at speeds between 50 and 500 rpm. The machines can also be supplied as a fixed speed unit with a choice of platen speeds of 180, 240 or 300rpm. A water inlet and drain are located in the rear panel. The water inlet is connected to a control tap and flexible hose which allows water to be directed to any part of the platen during grinding.

Specification:

- **Platen size:** 8in/203mm, 230mm, 250mm, 12in/305mm platens must be ordered separately
- **Platen Support:** Fixed support rotates in long life bearing housing. Quick release for changing platens.
- **Drive Motor:** 0.44KW / 0.6HP DC Motor
- **Platen Speed:** Variable speed 50-500rpm. Digital display for demand speed.
- **Lubrication:** Water inlet and drain on rear panel
Flexible jet to direct water to any part of the platen.
- **Dimensions & Weight:** 445 x 740 x 415mm / 17.5 x 29 x 16.5in
22Kg / 48lbs



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LABPOL DUO 8 TWIN PLATEN POLISHER/GRINDER

A standard piece of equipment in most materials laboratories, the Labpol Duo 8 has two 203/8in diameter platens. The use of 2 platens reduces the number of platen changes necessary for a grinding or polishing protocol. The powerful DC motor drives the platens at speeds between 50 and 500 rpm.

The selected platen speed is displayed on a digital display on the control panel. A fixed speed version of the Duo 8 is also available with a choice of speeds of 180, 240 or 300 rpm. A water inlet and drain are located on the rear panel. The water inlet is connected to two control taps and flexible hoses which allow water to be directed to any part of each platen during grinding.

A Labpol Duo 12 Twin Platen Polisher/Grinder is available to special order. This is constructed from two Labpol 8-12 modules. The combined unit can have independent speed control of each platen or a combined system where the platens rotate at the same speed. The Duo 12 Model can be fitted to choice with 2/250mm platen or 2/12in platens.



Specification Labpol Duo 8:

- **Platen size:** 2 x 8in/203mm platens fitted
- **Platen Support:** 2 Fixed Supports rotate in a long life bearing housing Quick release for changing platens.
- **Drive Motor:** 0.44KW / 0.6HP DC Motor
- **Platen Speed:** Variable speed 50-500rpm. Digital display for demand speed.
- **Lubrication:** Water inlet and drain on rear panel
2 Flexible jets to direct water to any part of the platen.
- **Dimensions & Weight:** 645 x 587 x 340mm
25.5 x 23 x 13.5in
28Kg / 62lbs

Ordering Information

8-812-001-00	Labpol 8-12 Variable speed Polisher/Grinder 220-240V 50Hz 1ph
8-812-002-00	Labpol 8-12 Variable speed Polisher/Grinder 110V 60Hz 1ph
8-812-003-00	Labpol 8-12 Polisher/Grinder, Fixed speed, specify 180, 240 or 300rpm Specify Voltage LABPOL 8-12 IS SUPPLIED WITHOUT PLATENS
8-8x8-001-00	Labpol Duo 8 Variable speed Twin Platen Polisher/Grinder 220-240V 50Hz 1ph
8-8x8-002-00	Labpol Duo 8 Variable speed Twin Platen Polisher/Grinder 110V 60Hz 1ph
8-8x8-003-00	Labpol Duo 8 Polisher/Grinder, Fixed speed specify 180, 240 or 300rpm Specify Voltage LABPOL DUO 8 IS SUPPLIED WITH 2 x 8IN DIAMETER PLATENS
8-12x12-001-00	Labpol Duo 12 Variable speed Twin Platen Polisher/Grinder 220-240V 50Hz 1ph
8-12x12-002-00	Labpol Duo 12 Variable speed Twin Platen Polisher/Grinder 110V 60Hz 1ph

PLATEN OPTIONS FOR LABPOL 8-12, LABPOL DUO 8 & DUO 12

3-812-080-00	8in Aluminium Platen	3-812-081-00	250mm Aluminium Platen
3-812-082-00	8in Nylon Platen	3-812-083-00	250mm Nylon Platen
3-812-090-00	8in Platen Edge Clip	3-812-091-00	250mm Platen Edge Clip
3-812-086-00	12in Aluminium Platen	3-812-087-00	230mm Aluminium Platen
3-812-088-00	12in Nylon Platen	3-812-089-00	230mm Nylon Platen
3-812-092-00	12in Platen Edge Clip	3-812-093-00	230mm Platen Edge Clip
3-812-096-00	8in Platen Guard	3-8x8-096-00	8in Platen Guard (Duo 8 Only)
3-812-097-00	250mm Platen Guard	3-812-098-00	12in Platen Guard
3-812-099-00	230mm Platen Guard		

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