

PENTA-5000 Hand Grinder

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



PENTA 5000 Fast and Simple

- Applications:**
- Heat treated samples
 - Weld analysis
 - Macro analysis

PENTA-5000 Hand 5-Station Grinder

- 5-station hand grinder
- Wet or dry grinding
- Manual grinder
- Easy to change abrasive rolls
- Easy to use
- User freindly
- Robust and durable design
- Low cost
- Easy to service

The PENTA-5000 5-station hand grinder (Part. No. PENTA-5000) offers a small lab the ability to prepare samples for macro viewing within minutes. The PENTA-5000 is a stationary grinder using 3-7/16 x 60-ft rolls set up for 240, 360, 600, 800 and 1200 grit abrasive.

•Benefits

- 5 grinding stations, eliminates need for additional polishing for many specimens requiring fast low magnification inspection



Technical Specifications:

Feature	Specification
Grinding stations	240 grit 360 grit 600 grit 800 grit 1200 grit
Roll Sizes	2.5-inch (65 mm)
Construction	-Aluminum casting and stainless steel -Hard coat anodized rollers and paper support plates
Dimensions (W x D x H)	22.25 x 21 x 8 -inch (565 x 535 x 203 -mm)
Weight	55 lbs (25 kg)
Part No.	PENTA-5000

Abrasive Rolls (1-inch core)

Description	Catalog Number
240-grit SiC (3-7/16" wide, 60' length, 1" core)	SIC-240R-60
320-grit SiC (3-7/16" wide, 60' length, 1" core)	SIC-320R-60
360-grit SiC (3-7/16" wide, 60' length, 1" core)	SIC-360R-60
400-grit SiC (3-7/16" wide, 60' length, 1" core)	SIC-400R-60
600-grit SiC (3-7/16" wide, 60' length, 1" core)	SIC-600R-60
800-grit SiC (3-7/16" wide, 60' length, 1" core)	SIC-800R-60
1200-grit SiC (3-7/16" wide, 60' length, 1" core)	SIC-1200R-60