

PACE[®] TECHNOLOGIES

www.metallographic.com



PENTA-7500 Belt Grinder

PACE Technologies
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PENTA 7500 Fast and Simple

Applications:
-High stock removal
-Squaring mounted specimens



PENTA-7500 Belt Grinder

- 4-inch x 36-inch belts
- Wet or dry grinding
- Manual grinder
- Easy to change abrasive belts
- Easy to use
- User friendly
- Robust and durable design
- Low cost
- Easy to service

The PENTA-7500 belt grinder (Part No. PENTA-7500) offers the ability to rapidly planarize a specimen or to grind it to the desired area of interest. The unique benefit the PENTA-7500 offers for planarizing specimen

mounts, is especially useful for maintaining a square mount and minimizing the preparation time for automated polishing machines.

•Benefits

- High torque motor (110V or 220V)
- Easy to change belt and tracking control
- Specimen square holding device for maintaining or for squaring up mounted specimens
- Rinse tank
- Emergency Stop button
- Water tight ON/OFF switch



Machinery directive 2006/42/EC
Low Voltage Directive 2006/95/EC
Electromagnetic Compatibility directive 2004/108/EC



Technical Specifications:

| Feature | Specification |
|--------------------|--|
| Single Belt | 4 x 36-inch (102 x 914 mm) |
| Belt Speed | 43 ft/second (13 m/s) |
| Construction | Aluminum casting / fabricated metal |
| Motor Power | 550 W (0.75 hp) |
| Dimensions (WxDxH) | 20 x 24.75 x 14.75 -inch (510 x 630 x 375 mm) |
| Weight | 120 lbs (53 kg) |
| Part No. | PENTA-7500 |

Accessories

| Description | Catalog Number |
|--|----------------|
| 1-inch holder for square holder fixture | P75-100H |
| 1.25-inch holder for square holder fixture | P75-125H |
| 1.5-inch holder for square holder fixture | P75-150H |
| 25 mm holder for square holder fixture | P75-25H |
| 30 mm holder for square holder fixture | P75-30H |
| 40 mm holder for square holder fixture | P75-40H |

Abrasive Belts

| Description | Catalog Number |
|--------------------------------------|----------------|
| 60-grit (4 x 36-inch) zirconia belt | ZrO2-B060 |
| 120-grit (4 x 36-inch) zirconia belt | ZrO2-B120 |
| 120-grit (4 x 36-inch) alumina belt | ALO-B120 |
| 60-grit (4 x 36-inch) SiC belt | SIC-B60 |
| 80-grit (4 x 36-inch) SiC belt | SIC-B80 |
| 120-grit (4 x 36-inch) SiC belt | SIC-B80 |
| 180-grit (4 x 36-inch) SiC belt | SIC-B180 |
| 240-grit (4 x 36-inch) SiC belt | SIC-B240 |

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