

GIGA-0900 Vibratory Polisher



Reduce Smearing
Reduce Surface Deformation
Polish Friable Samples

Applications:

- Semiconductors
- Glass
- Ceramics
- Minerals
- Composites
- Soft Metals
- Plastics
- Refractory Metals
- General metals

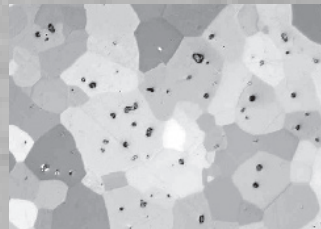
GIGA-0900 Vibratory Polisher

- 9-inch diameter
- Frequency and voltage controls
- Capable of handling small or large specimens
- Timer control
- Interchangeable platforms
- Easy to use
- LED intensity display
- Ideal for all materials
- User friendly
- Robust and durable design
- Low cost
- Easy to service

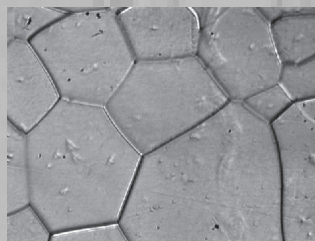
•Benefits

- Frequency controller (sample size)
- Voltage controller (speed)
- Multiple size holders (1-inch up to 2-inch diameter)
- Timer control

The GIGA-0900 vibratory polisher has a solid, easy to use, robust design. the main benefits provided by the GIGA-0900 is its ability to adjust both the vibration frequency and voltage. By adjusting the vibrating frequency this compensates for the weight of the specimens, being polished; thus, small or large samples can be prepared separately or simultaneously. In addition, the speed of the polishing action can be easily controlled by changing the applied voltage.



Rhenium standard polishing, embedded abrasive particles



Rhenium vibratory polished, no embedded abrasive particles



Technical Specifications:

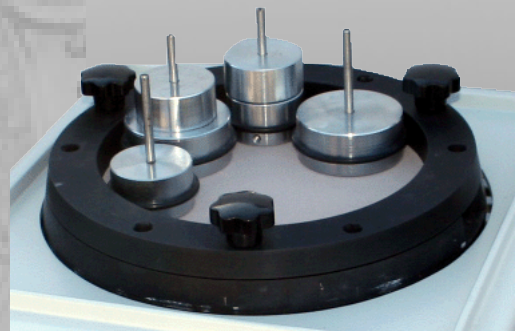
| Feature | Specification |
|-------------------------------------|--|
| Polishing Bowl Size | 9-inch |
| Drive Mechanism | Horizontal frequency control, speed variable voltage control |
| Timer | 0-9999 minutes |
| Mount sizes | 1-inch, 1.25-inch, 1.5-inch, 2-inch |
| Electrical Specifications | 110 / 220V |
| Frequency | 1-240 Hz |
| Variable Voltage (speed controller) | 1-200 volts |
| Dimensions (W x D x H) | 22 x 20 x 17-inch (560 x 508 x 432 mm) |
| Weight | 180 lbs (82 kg) |

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Accessories

| Description | Part Number |
|--|--------------|
| 1-inch diameter specimen holder (3/set) | VIB-0100 |
| 1.25-inch diameter specimen holder (3/set) | VIB-0125 |
| 1.5-inch diameter specimen holder (3/set) | VIB-0150 |
| 2.0-inch diameter specimen holder (3/set) | VIB-0200 |
| 1-inch holder weights (3 each) | VIB-WT-0100 |
| 1.25-inch holder weights (3 each) | VIB-WT-0125 |
| 1.5-inch holder weights (3 each) | VIB-WT-0150 |
| 2-inch holder weights (3 each) | VIB-WT-0200 |
| Glass slide holder for 27,47 mm and 1 x 3-inch slides (each) | SR-G |
| Mounting Plate for 1-inch & 1.25-inch holders | PLATE-0900-1 |
| Mounting Plate for 1.5-inch & 2-inch holders | PLATE-0900-2 |



Polishing Pads

| Description | Catalog Number | Application |
|---------------------------|----------------|---|
| CERMESH Metal Mesh Cloth | CMESH-2012 | Ceramics, glass and minerals grinding with 30-45 micron diamond |
| POLYPAD Polishing Pad | PP-6012 | Rough polishing with 9-15 micron diamond |
| TEXPAN Polishing Pad | TP-5012 | Excellent general purpose for polishing with diamond, alumina or colloidal silica |
| BLACKCHEM 2 Polishing Pad | BC2-8012 | Recommended for polishing with colloidal silica |
| DACRON Polishing Pad | DC-3012 | Fine diamond polishing |
| NYPAD Polishing Pad | NY-3012 | Fine diamond polishing |
| GOLD PAD Polishing Pad | GP-4012 | Fine diamond polishing |
| ATLANTIS Polishing Pad | ATL-3012 | Fine diamond polishing |
| MICROPAD 2 Polishing Pad | MP2-9012 | Excellent final polishing pad with alumina |
| TRICOTE Polishing Pad | TRI-4012 | Final polishing abrasives |
| NAPPAD Polishing Pad | NP-7012 | Final polishing abrasives |
| MOLTEC 2 Polishing Pad | MT2-7012 | Final polishing abrasives |