

# GIGA-1200 Vibratory Polisher



**Reduce Smearing**  
**Reduce Surface Deformation**  
**Polish Friable Samples**

**Applications:**

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

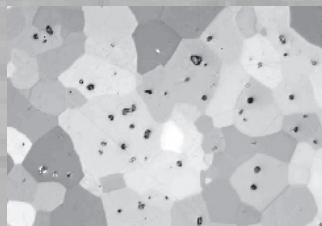
**GIGA-1200 Vibratory Polisher**

- 12-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

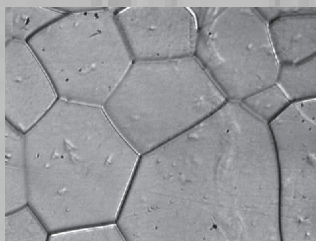
**•Benefits**

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

The GIGA-1200 vibratory polisher has a solid, easy to use, robust design. the main benefits provided by the GIGA-1200 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:

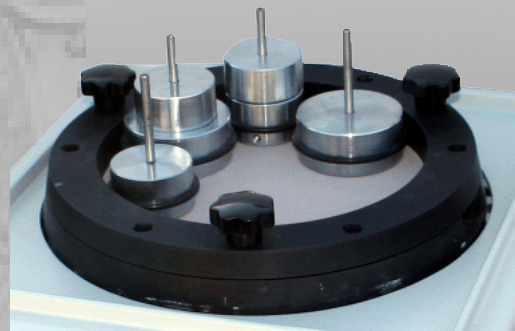
Feature	Specification
Polishing Bowl Size	12-inch
Drive Mechanism	Horizontal frequency control, speed variable voltage control
Timer	0-9999 minutes
Mount sizes	1-inch, 1.25-inch, 1.5-inch, 2-inch
Electrical Specifications	110 / 220V
Frequency	1-240 Hz
Variable Voltage (speed controller)	1-200 volts
Dimensions (W x D x H)	25 x 24 x 18-inch (635 x 610 x 457 mm)
Weight	284 lbs (135 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

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