



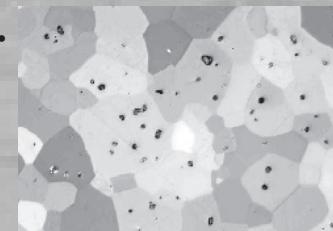
#### GIGA-1200 Vibratory Polisher

- 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

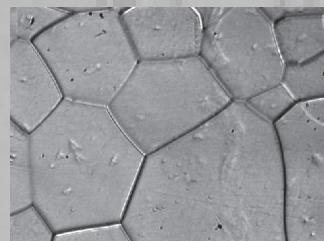
The GIGA-1200 vibratory polisher has a solid, easy to use, robust design. The main benefit provided by the GIGA-1200 is its ability to adjust both the vibration frequency and voltage. By adjusting the vibration frequency this compensates for the weight of the specimens, being polished; thus, small or 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.

#### Benefits

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



Rhenium standard polishing,  
embedded abrasive particles



Rhenium vibratory polished,  
no embedded abrasive  
particles

# **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



## 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)

## 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



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

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