

GIGA-S Vibratory Polisher

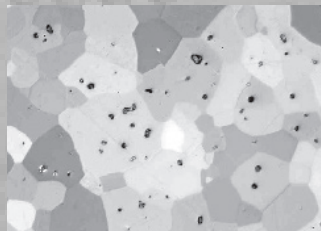
Reduce Smearing
Reduce Surface Deformation
Polish Friable Samples



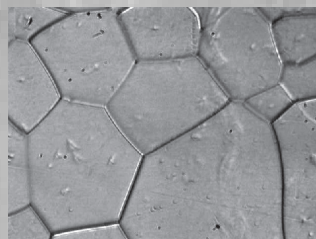
GIGA-S Vibratory Polisher

- 9 or 12-inch diameter quick release interchangeable bowl option
- Leak free bowl design
- High performance PZT motor
- Frequency and voltage controls
- Speed, time controls
- New Pulse Mode feature allows for stain free polishing if left unattended after procedure has ended
- Capable of handling small or large specimens
- Removeable lid for easy cleaning
- LED intensity display
- Ideal for all materials
- User friendly
- Robust and durable design
- Economically priced

The GIGA-S vibratory polisher utilizes a PZT motor for enhanced vibration control. The GIGA-S vibratory polishers PZT motor provides improved capabilities for adjusting both the vibration frequency and voltage. 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

Applications:

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

Technical Specifications:

FEATURE	GIGA-S DESCRIPTION
Polishing Bowl size	9 or 12-inch
Drive Mechanism	PZT Motor
Electrical specification	110 / 240V (50/60 Hz)
Construction	Aluminum casting with SMC cover (injection molded)
Frequency	0~120Hz
Motor voltage	24VDC
Dimensions (W x D x H)	17 x 21 x 16-inches (430 x 525 x 410mm)
Weight	135 lbs (62 kg)

Accessories

Vibratory Polishing Holder	Catalog no.
1-inch diameter 304 stainless steel specimen holders (each)	VIB-0100
1.25-inch diameter 304 stainless steel specimen holders (each)	VIB-0125
1.5-inch diameter 304 stainless steel specimen holders (each)	VIB-0150
2-inch diameter 304 stainless steel specimen holders (each)	VIB-0200
1-inch weights, 304 stainless steel (each)	VIB-WT-0100
1.25-inch weights, 304 stainless steel (each)	VIB-WT-0125
1.5-inch weights, 304 stainless steel (each)	VIB-WT-0150
2-inch weights, 304 stainless steel (each)	VIB-WT-0200
Mounting plate for 1-inch and 1.25-inch holders	PLATE-1
Mounting plate for 1.5-inch and 2-inch holders	PLATE-2
9-inch Interchangeable bowl	GS-9IN-BOWL
12-inch Interchangeable bowl	GS-12IN-BOWL

Polishing Pads

Polishing Pad	Application
CERMESH Polishing Pad	Ceramics, glass and minerals grinding with 30-45 micron diamond
POLYPAD Polishing Pad	Rough polishing with 9-15 micron diamond
TEXPAN Polishing Pad	Excellent general purpose pad for polishing with diamond, alumina or colloidal silica
BLACKCHEM Polishing Pad	Recommended for polishing with colloidal silica
DACRON Polishing Pad	Fine diamond polishing
NYPAD Polishing Pad	Fine diamond polishing
GOLDPAD Polishing Pad	Fine diamond polishing
ATLANTIS Polishing Pad	Fine diamond polishing
MICROPAD 2 Polishing Pad	Excellent final polishing pad with alumina
TRICOTE Polishing Pad	Final polishing
NAPPAD Polishing Pad	Final polishing

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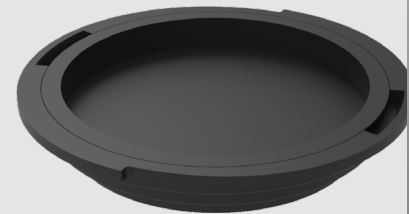
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9-inch Polishing Bowl



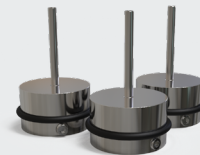
9-inch Interchangeable GIGA-S Polishing Bowl (Catalog no. GS-9IN-BOWL)

12-inch Polishing Bowl

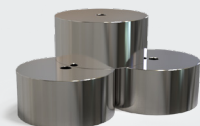


12-inch Interchangeable GIGA-S Polishing Bowl (Catalog no. GS-12IN-BOWL)

GIGA-S Holders



GIGA-S Weights



Mounting Plate

