

VibroMet™ 2

Vibratory Polisher

The VibroMet® 2 Vibratory Polisher removes minor deformation remaining after mechanical preparation revealing a stress-free surface without need for the hazardous electrolytes required by electro-polishers. Combine the VibroMet 2 with MasterMet 2 colloidal silica to chemo-mechanically polish a specimen to a surface finish suitable for electron-backscatter diffraction (EBSD) or atomic force microscopy (AFM). Unlike traditional vibratory polishers, the VibroMet 2 oscillates almost entirely horizontally, maximizing the length of time the specimen touches the polishing cloth. Specimens naturally rotate around the polishing bowl allowing users to set-up the system and walk away.



Deformation free specimen surface

- Horizontal motion gently polishes specimen without inducing mechanical stresses.
- Achieve surface finish suitable for AFM or EBSD analysis
- Excellent results on mixed material and non-homogeneous specimens

No need for hazardous chemicals

- Replaces electro-polisher and hazardous electrolytes
- Combine the VibroMet 2, MasterMet Colloidal Silica, and MicroCloth to chemo-mechanically polish specimens

Set-Up and Walk Away

- Vibratory action naturally rotates specimens around polishing bowl
- 12in [305 mm] diameter bowl allows up to 18 mounted specimens to be prepared simultaneously



Generous specimen capacity allows up to 18 mounted specimens to be prepared simultaneously.



A variety of specimen holders and weights are available.

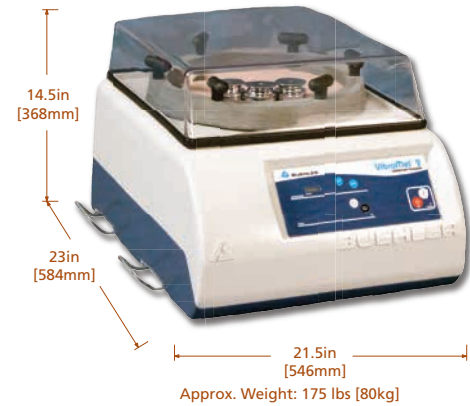


Large unmounted specimens may be polished with ease. Once loaded, specimens require little operator attention.

VibroMet™ 2 Vibratory Polisher

- Unique horizontal motion provides high quality polish
- Excellent for EBSD preparation
- 12in [305mm] bowl size

Part Number	Voltage/Frequency
67-1635-160	115VAC, 60Hz
67-1635-250	220VAC, 50Hz



Accessories

- 67-1525 Specimen Holder, 2in and 50mm (qty 3)
- 67-1526 Specimen Holder, 1in and 25mm (qty 3)
- 67-1527 Specimen Holder, 1.25in [32mm] (qty 3)
- 67-1528 Specimen Holder, 1.5in [38mm] (qty 3)
- 67-1530 Polishing Bowl Accessory

- 67-1529 Specimen Weights (qty 9)
- 67-1541 Loading Fixture, 2in and 50mm
- 67-1540 Loading Fixture, 1in and 25mm, 1.25in [32mm], 1.5in [38mm]

Consumables

- 63-6377-006 MasterPrep Alumina, 6oz [0.18ℓ]
- 40-6377-032 MasterPrep Alumina, 32oz [0.95ℓ]
- 40-6377-064 MasterPrep Alumina, 64oz [1.9ℓ]
- 40-6370-006 MasterMet Colloidal Silica, 6oz [0.18ℓ]
- 40-6370-064 MasterMet Colloidal Silica, 64oz [1.9ℓ]
- 40-6380-006 MasterMet 2 Non-Crystallizing Colloidal Silica, 6oz [0.18ℓ]
- 40-6380-064 MasterMet 2 Non-Crystallizing Colloidal Silica, 64oz [1.9ℓ]

- 40-7222 MicroCloth, 12in [305mm] (qty 10)
- 40-8322 MicroFloc, 12in [305mm] (qty 10)



Shop online at www.buehler.com. (US, DE, FR and UK only)

For a complete listing of consumables, visit our website at www.buehler.com or refer our Product Catalogue. Buehler continuously makes product improvements; therefore technical specifications are subject to change without notice.

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