

# 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.

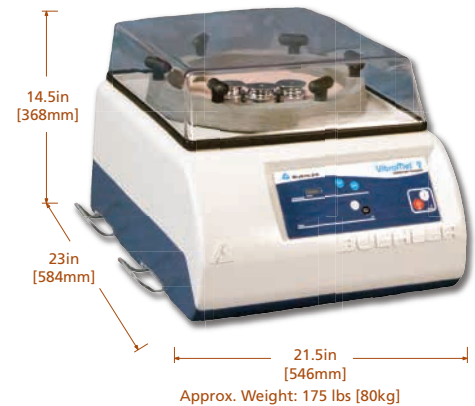


Large unmounted specimens may be polished with ease. Once loaded, specimens require little operator attention.

## 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)  | 67-1529 Specimen Weights (qty 9)                                   |
| 67-1526 Specimen Holder, 1in and 25mm (qty 3)  | 67-1541 Loading Fixture, 2in and 50mm                              |
| 67-1527 Specimen Holder, 1.25in [32mm] (qty 3) | 67-1540 Loading Fixture, 1in and 25mm, 1.25in [32mm], 1.5in [38mm] |
| 67-1528 Specimen Holder, 1.5in [38mm] (qty 3)  |  |
| 67-1530 Polishing Bowl Accessory               |  |

### Consumables

- |   |   |
|---|---|
| 63-6377-006 MasterPrep Alumina, 6oz [0.18ℓ]                             | 40-7222 MicroCloth, 12in [305mm] (qty 10) |
| 40-6377-032 MasterPrep Alumina, 32oz [0.95ℓ]                            | 40-8322 MicroFloc, 12in [305mm] (qty 10)  |
| 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] |   |



Shop online at [www.buehler.com](http://www.buehler.com). (US, DE, FR and UK only)

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

Sectioning AbrasiMet • AbrasiMatic • IsoMet	Mounting SimpliMet	<b>Grinding &amp; Polishing</b> EcoMet • AutoMet • MetaServ	Imaging & Analysis OmniMet	Hardness Testing Wilson®
--	-----------------------	--	-------------------------------	-----------------------------



**BUEHLER Worldwide Headquarters**  
41 Waukegan Road  
Lake Bluff, Illinois 60044-1699 USA  
P: (847) 295-6500  
[www.buehler.com](http://www.buehler.com) | [info@buehler.com](mailto:info@buehler.com)

**BUEHLER Germany**  
[info.eu@buehler.com](mailto:info.eu@buehler.com)

**BUEHLER France**  
[info.fr@buehler.com](mailto:info.fr@buehler.com)

**BUEHLER United Kingdom**  
[info.uk@buehler.com](mailto:info.uk@buehler.com)

**BUEHLER Canada**  
[info@buehler.ca](mailto:info@buehler.ca)

**BUEHLER Japan**  
[info.japan@buehler.com](mailto:info.japan@buehler.com)

**BUEHLER China**  
[china@buehler.com.hk](mailto:china@buehler.com.hk)

**BUEHLER Asia-Pacific**  
[info@buehler.com.hk](mailto:info@buehler.com.hk)