

VibroMet® 2

Vibratory Polisher



BUEHLER

Excellent Results. Easily Repeatable.™

The VibroMet® 2 Vibratory Polisher removes minor deformation remaining after mechanical preparation. It is designed to prepare high quality polished surfaces on a wide variety of materials and applications, including EBSD polishing preparation applications. The horizontal motion of 7200 cycles per minutes produces a very effective polishing action with superior quality results and exceptional flatness. The unique vibratory action produces less deformation, flatter surfaces and reduces edge rounding. It also yields a stress-free surface without the use of dangerous electrolytes associated with electro-polishing. A 12" (305mm) polishing bowl and transparent molded cover are standard on this unit. Accessories include a variety of specimen holders and weights. Target Holders can also be used.

Dimensions: 18" W x 22" D x 14" H (46 x 57 x 36cm)

Shipping Weight: 175 lbs. (80kg)

Ordering Information

The VibroMet® 2 Polisher includes RIM cabinetry, variable amplitude drive system, heavy duty cassis, electronic touch-pad controls including illuminated On/Off and variable vibration control, digital LED bar graph vibration amplitude indicator, 12" (305mm) diameter quick change PVC polishing bowl, and removable transparent molded cover. Includes samples of polishing cloths, MasterMet® 2, MasterPrep® Final Polishing Suspensions and operating instructions.

67-1635-160 VibroMet® 2 Vibratory Polisher, 115 VAC, 60 Hz, 1 phase

67-1635-250 VibroMet® 2 Vibratory Polisher, 220 VAC, 50Hz, 1 phase

Accessories

67-1525 Specimen Holders, 2" and 50mm, Set of 3

67-1526 Specimen Holders, 1" and 25mm, Set of 3

67-1527 Specimen Holders, 1¼" (32mm), Set of 3

67-1528 Specimen Holders, 1½" (38mm), Set of 3

67-1529 Specimen Weights, Set of 9

67-1540 Loading Fixture, 1" and 25mm, 1¼" (32mm), 1½" (38mm)

67-1541 Loading Fixture, 2" and 50mm

67-1530 Extra Polishing Bowl



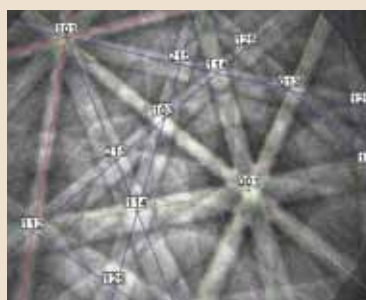
Generous specimen capacity allows up to 18 specimens to be prepared simultaneously.



A variety of specimen holders and weights are available.



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



Left: Cartridge Brass, tint etched with Klemm's III, in cross polarized light with a sensitive tint filter. 50x. Right: Cartridge Brass indexed EBSD pattern. Quality Index: 221±8.6

For a complete listing of consumables, please refer to our Consumables Buyer's Guide. Buehler continuously makes product improvements; therefore, technical specifications are subject to change without notice.



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