

BUEHLER®

SimpliMet® 2

HYDRAULIC SPECIMEN MOUNTING PRESS

- Basic Specimen Mounting Press for Virtually any Materials Engineering Laboratory
- Corrosion and Impact Resistant Molded (RIM) Cabinet
- Manual Pumping Action for Pressure Application
- Direct Reading Pressure Gauge
- Quick Ram Return to Speed Reloading
- Thermostatically Controlled 350 Watt Mold Heater
- Accommodates 1", 1¼", 1½", 25mm and 30mm Mold Sizes
- Duplex Mold Produce 2 Specimen Mounts at One Time
- Handle can be Installed for Left or Right Operation
- CE Marked



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The SimpliMet® 2 Hydraulic Mounting Press brings economical specimen mounting to materials laboratories with low to medium volume sample requirements. This easy-to-use manual press utilizes a proven hydraulic system that provides compression to produce a broad range of specimen sizes. The attractive one piece molded cabinet complements any laboratory setting and is easy to clean and maintain. The unit can easily be moved from one work area to another and need not be anchored to the work surface for operation.

Specifications

20-1410-115 SimpliMet® 2 Hydraulic Specimen Mounting Press, RIM cabinet containing built-in hydraulic system, pressure gauge, TetraMet® mold closure, finned slip-on cooler and thermostatically controlled mold heater. Includes one pair of heat resistant gloves, one tube of 1 ¼" (32mm) PreMolds®, samples of Phenolic and EpoMet® powders, release agent, scraper tool and operating instructions. For operation on 115V/60Hz/1 phase. Mold assemblies supplied separately; select from list shown below.

20-1410-220 SimpliMet® 2 Hydraulic Specimen Mounting Press, same as above except for 220-240V/50Hz/1 phase operation.

Dimensions: 11" W x 14" D x 23" H
(279 x 356 x 584mm)

Shipping Weight: 90 lbs. (41kg)

Mold Assemblies

(Includes molding cylinder, upper and lower rams)

- 20-2104 Mold Assembly**, 1" diameter specimens
- 20-2105 Mold Assembly**, 1 ¼" diameter specimens
- 20-2109 Mold Assembly**, 1 ½" diameter specimens
- 20-2125 Beveled Mold Assembly**, 1 ¼" diameter specimens
- 20-2126 Beveled Mold Assembly**, 1 ½" diameter specimens
- 20-2127 Mold Assembly**, 25mm diameter specimens
- 20-2128 Mold Assembly**, 30mm diameter specimens
- 20-2204 Duplex Mold Assembly**, for the production of two specimen mounts at one time, 1" diameter specimens
- 20-2205 Duplex Mold Assembly**, for the production of two specimen mounts at one time, 1 ¼" diameter specimens
- 20-2209 Duplex Mold Assembly**, for the production of two specimen mounts at one time, 1 ½" diameter specimens

Accessories

20-2117 TetraMet® Closure, replacement, mold closure for 2" (50mm) OD Buehler® threaded molds with patented non-conductive handles, rapid closing and quick release features

20-2223-115 Automatic Heater, replacement, 350 watt, 2" (50mm) ID, thermostatically controlled with cord and switch for 115V, 50/60 Hz, 1 phase

20-2223-220 Automatic Heater, replacement, same as 20-2223-115 except for operation on 220V, 50/60 Hz, 1 phase

20-2303 Cooler, replacement, slip-on with finned design

20-2323 Cooler, water cooled with fittings for hose connections, 2" (50mm) ID



The SimpliMet® 2 Press comes equipped with a thermostatically controlled mold heater (top image) and a slip-on mold cooler (bottom image).

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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*For metallurgical equipment produced by BUEHLER LTD. USA



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