

# 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 1¼" (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**, 1¼" diameter specimens

**20-2109 Mold Assembly**, 1½" diameter specimens

**20-2125 Beveled Mold Assembly**, 1¼" diameter specimens

**20-2126 Beveled Mold Assembly**, 1½" 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, 1¼" diameter specimens

**20-2209 Duplex Mold Assembly**, for the production of two specimen mounts at one time, 1½" 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



## BUEHLER

BUEHLER LTD. - Worldwide Headquarters  
41 Waukegan Road • P.O. Box 1  
Lake Bluff, Illinois 60044-1699 USA  
Tel: 847/295-6500 • Fax: 847/295-7979  
Sales: 1/800/BUEHLER • 1/800/283-4537  
Web Site: <http://www.buehler.com>  
Email: [info@buehler.com](mailto:info@buehler.com)

### BUEHLER GMBH

In der Steele 2 • 40599 Düsseldorf  
Postfach 16 03 55 • 40566 Düsseldorf  
Telefon: (+49) 0211/974100 • Telefax: (+49) 0211/9741079  
Web Site: <http://www.buehler-met.de>  
Email: [info@buehler-met.de](mailto:info@buehler-met.de)

### BUEHLER SARL

Miniparc de Dardilly, Bât. 0  
3, Chemin du Jubin • 69570 Dardilly-France  
Téléphone: (+33) (04) 37 59 81 20  
Télécopie: (+33) (04) 37 59 81 29  
Web Site: <http://www.buehler.fr>  
Email: [info@buehler.fr](mailto:info@buehler.fr)

### BUEHLER UK

101, Lockhurst Lane • Coventry • CV6 5SF  
Telephone: (+44) (0) 24 7658 2158 • Fax: (+44) (0) 24 7658 2159  
Web Site: <http://www.buehler.co.uk>  
Email: [sales@buehler.co.uk](mailto:sales@buehler.co.uk)

## BUEHLER ANALYST® SECTION

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### BUEHLER CANADA

9999 Highway 48  
Markham, Ontario L3P 3J3  
Telephone: (905) 201-4686 • Fax: (905) 201-4683  
Sales Telephone: 1-800-268-3593  
Email: [info@buehler.ca](mailto:info@buehler.ca)

### BUEHLER ASIA

5/F Vogue Centre  
696 Castle Peak Road  
Lai Chi Kok, Kowloon  
Hong Kong, SAR, China  
Telephone: (852) 2307 0909  
Fax: (852) 2307 0233