



BUEHLER

SIMPLIMET® II

MOUNTING PRESS

The SIMPLIMET® II Mounting Press utilizes a proven hydraulic system that provides positive compression action for specimen mounting. It produces a full compliment of sample sizes, 1" (2.5cm), 1¼" (3.2cm) and 1½" (3.8cm), to satisfy virtually any requirement.

Other SIMPLIMET® II features include direct reading pressure gauge for compression control, finger-tip pumping action for pressure application with choice of left or right hand actuator lever operation, quick ram return to speed reloading, portable . . . no bolting down required . . . and conveniently positioned controls.

Buehler's new TETRAMET® mold closure mechanism, designed to speed mounting press operation, is included with the SIMPLIMET® II. This rapid closing, quick opening closure incorporates special non-conductive handles which remain "cool" throughout the molding operation. The TETRAMET® closure does not require "striking" to release the seal or other supplemental operations prior to opening. Earlier SIMPLIMET® II press models may be retrofitted with the TETRAMET® closure.

The modern design of SIMPLIMET® II compliments any laboratory setting — easily cleaned and maintained. Modern cabinet construction houses the entire hydraulic system yet is easily accessible for service. Thermostatically controlled heater and the slip-on cooler accommodate all mold sizes.

(Available for operation on other electrical services).

SPECIFICATIONS

No. 20-1320 SIMPLIMET® II, built-in hydraulic system, pressure gauge, TETRAMET® Mold Closure, finned slip-on cooler, thermostatically controlled mold heater for 115 V., 50/60 Hz, 1 φ. Includes one pair of gloves, one tube of Premolds, samples of Phenolic and EPOMET™ powders, mold release, and operating instructions. LESS MOLD: Specify 20-2104 1" (2.5cm), 20-2105 1¼" (3.2cm) or 20-2109 1½" (3.8cm) mold.

SIMPLIMET® II also available for operation on 220 V., 50/60 Hz., 1 φ electrical specifications.

Overall dimensions: 11"W x 14"D x 23"H
(28W x 36D x 58cm H)

Approx. shipping weight: 90 lbs. (41kg)

MOLDS

No. 20-2104 MOLD ASSEMBLY, 1" (2.5cm) ID x 2" (5.1cm) OD for SIMPLIMET® II, SPEED PRESS™ II, PNEUMET® and PNEUMET® I.

No. 20-2105 MOLD ASSEMBLY, 1¼" (3.2cm) ID x 2" (5.1cm) OD for SIMPLIMET® II, SPEED PRESS™ II, PNEUMET® and PNEUMET® I.

No. 20-2109 MOLD ASSEMBLY, 1½" (3.8cm) ID x 2" (5.1cm) OD for SIMPLIMET® II, SPEED PRESS™ II, PNEUMET® and PNEUMET® I.

(See page 39 for Consumables).