

# Compression Mounting Equipment

## Specimen Mount Press™



**Specimen Mount Press™** is a very basic, hydraulic press with handle, finned split cooler and thermostatically controlled heater. Ideal for small volume specimen mounting applications. Mold assemblies are available in 1" (25mm) and 1¼" (32mm) and are sold separately.

**20-1310-115 Specimen Mount Press**, 115 VAC, 50/60 Hz, 1 phase

**20-1310-220 Specimen Mount Press**, 220 VAC, 50/60 Hz, 1 phase

### Accessories

**20-2120** Mold Assembly, 1" (25mm) ID

**20-2121** Mold Assembly, 1¼" (32mm) ID

## SimpliMet® 2 Mounting Press



**SimpliMet® 2 Mounting Press** is a manual hydraulic press for economical mounting of low to medium volume requirements. A thermostatically controlled heater and slip on mold cooler complement this compact unit. Mold assemblies are available in a variety of sizes and are sold separately.

**20-1410-115 SimpliMet® 2 Mounting Press**, 115 VAC, 50/60 Hz, 1 phase

**20-1410-220 SimpliMet® 2 Mounting Press**, 220 VAC, 50/60 Hz, 1 phase

### Accessories

**20-2104** Mold Assembly, 1" ID

**20-2105** Mold Assembly, 1¼" ID

**20-2109** Mold Assembly, 1½" ID

**20-2117** TetraMet® Mold Closure

**20-2127** Mold Assembly, 25mm ID

**20-2128** Mold Assembly, 30mm ID

**20-2204** Duplex Mold Assembly, 1" ID

**20-2205** Duplex Mold Assembly, 1¼" ID

**20-2209** Duplex Mold Assembly, 1½" ID

**20-2223-115** Automatic Heater, 115 VAC, 60 Hz, 1 phase

**20-2223-220** Automatic Heater, 220 VAC, 50 Hz, 1 phase

**20-2225-115** Automatic Heater, Solid State, 115 VAC, 60 Hz, 1 phase

**20-2225-220** Automatic Heater, Solid State, 220 VAC, 50 Hz, 1 phase

**20-2323** Water cooler with fittings for hose connections, 2" ID

**20-2303** Cooler with Air Fins, 2" ID

## SimpliMet® 1000 Automatic Mounting Press



**SimpliMet® 1000 Automatic Mounting Press** is a cost effective system with electro-hydraulic operation. Liquid Crystal Display (LCD), user friendly touch panel and last settings retained programmability add convenience to this basic press. User selects pressure, temperature, heating time, mount size, language and units of measure for their application. Mold assemblies are available in a variety of sizes and are sold separately.

**20-1415 SimpliMet® 1000 Automatic Mounting Press**, 84-264 VAC, 50/60 Hz, 1 phase

### Accessories

**20-2401** Mold Assembly with Duplex Spacer, 1" ID

**20-2402** Mold Assembly with Duplex Spacer, 1¼" ID

**20-2403** Mold Assembly with Duplex Spacer, 1½" ID

**20-2404** Mold Assembly with Duplex Spacer, 2" ID

**20-2405** Mold Assembly with Duplex Spacer, 25mm ID

**20-2406** Mold Assembly with Duplex Spacer, 30mm ID

**20-2407** Mold Assembly with Duplex Spacer, 40mm ID

**20-2408** Mold Assembly with Duplex Spacer, 50mm ID

# Compression Mounting Equipment

## SimpliMet® 3000 Automatic Mounting Press



**SimpliMet® 3000 Automatic Mounting Press** is a fully automatic press with 25 method programmability, automatic mold sensing and a preload option for sensitive materials. This fully programmable press increases specimen production and specimen consistency. Additionally, four mold size specific programs are available for operator convenience and simplicity. Easy to change molds are available in a variety of sizes and are sold separately.

**20-1435 SimpliMet® 3000 Automatic Mounting Press**, 84-264 VAC, 50/60 Hz, 1 phase

### Accessories

**20-2401** Mold Assembly with Duplex Spacer, 1" ID

**20-2402** Mold Assembly with Duplex Spacer, 1¼" ID

**20-2403** Mold Assembly with Duplex Spacer, 1½" ID

**20-2404** Mold Assembly with Duplex Spacer, 2" ID

**20-2405** Mold Assembly with Duplex Spacer, 25mm ID

**20-2406** Mold Assembly with Duplex Spacer, 30mm ID

**20-2407** Mold Assembly with Duplex Spacer, 40mm ID

**20-2408** Mold Assembly with Duplex Spacer, 50mm ID

## Mold Assemblies



**Mold Assemblies for SimpliMet® 1000 and SimpliMet® 3000.** Robust, easy-to-change bayonet mold closures are offered in a wide variety of sizes. Available mold sizes are 1", 1¼", 1½", 2", 25mm, 30mm, 40mm, and 50mm. These molds are machined to the closest of tolerances to ensure dimensional integrity of the mounted specimen. All mold assemblies include a duplex spacer providing the capability of producing two specimens during one cure cycle.

# Castable Mounting Equipment

## EpoEase™ Epoxy Dispensing System



**EpoEase™ Epoxy Dispensing Systems** increase productivity and specimen consistency by accurately dispensing a variety of epoxies to the correct mixing ratio. Easy one stroke delivery and adjustable dispensing volumes reduce time and waste for improved economy.

**20-1250 EpoEase™ Epoxy Dispensing System**, for EpoxiCure®, EpoKwick® and EpoColor™ Epoxy Systems

**20-1251 EpoEase™ Epoxy Dispensing System**, for EpoThin® System

### Accessories

**20-1260** Static Mixer Kit

**20-1261** Static Mixer Nozzles, (Five Per Package)

# Castable Mounting Equipment

## Cast N' Vac Castable Vacuum System



**Cast N' Vac Castable Vacuum System** removes trapped air from mounting material. It is designed as a single sample vacuum impregnation system which is an easy to operate, compact machine with built-in vacuum pump. The system comes complete with a small quantity of mixing supplies.

**20-3510-160 Cast N' Vac Castable Vacuum System**, complete with built-in vacuum pump, vacuum gauge, vacuum chamber for single sample impregnation, recessed cup holder, silicone stopper, epoxy supply tubes (5), hose clamp (1), 1¼" removable recessed disc (1), 1¼" phenolic RingForms™ (5), wooden stir sticks (5), and complete operations manual. For 115VAC, 60Hz, 1 phase operation.

**20-3510-250 Cast N' Vac Castable Vacuum System**, same as 20-3510-160 except 220VAC, 50Hz, 1 phase operation; recessed disc (1) 30mm and phenolic RingForms™ (5) 30mm.

### Accessories

**20-3511** Recessed Plastic Disc, 25mm

**20-3512** Recessed Plastic Disc, 30mm

**20-3513** Recessed Plastic Disc, 1¼"

**20-3514** Recessed Plastic Disc, 1½"

**20-3515** Recessed Plastic Disc, 40mm

**20-3516** Recessed Plastic Disc, 50mm

**20-3517** Recessed Plastic Disc, 2"

**20-3518** Silicone Stopper

**20-3519** Hose Clamp

**20-3520** Epoxy Supply Tubes

**20-3521** Recessed Plastic Disc, 1"

**20-8175** Wooden Stir Sticks, pack of 100

**20-8177-100** Paper Cups, Pack of 1000

**20-8180** SamplKups®, set of 12, 1¼"

**20-8155-010** RingForms™, Phenolic, 25mm, pack of 10

**20-8155-100** RingForms™, Phenolic, 25mm, pack of 100

**20-8156-010** RingForms™, Phenolic, 30mm, pack of 10

**20-8156-100** RingForms™, Phenolic, 30mm, pack of 100

**20-8157-010** RingForms™, Phenolic, 40mm, pack of 10

**20-8157-100** RingForms™, Phenolic, 40mm, pack of 100

**20-8158-010** RingForms™, Phenolic, 50mm, pack of 10

**20-8158-100** RingForms™, Phenolic, 50mm, pack of 100

**20-8251-010** RingForms™, Phenolic, 1", pack of 10

**20-8251-100** RingForms™, Phenolic, 1", pack of 100

**20-8252-010** RingForms™, Phenolic, 1¼", pack of 10

**20-8252-100** RingForms™, Phenolic, 1¼", pack of 100

**20-8253-010** RingForms™, Phenolic, 1½", pack of 10

**20-8253-100** RingForms™, Phenolic, 1½", pack of 100

**20-8254-010** RingForms™, Phenolic, 2", pack of 10

**20-8254-100** RingForms™, Phenolic, 2", pack of 100

## Cast N' Vac 1000 Vacuum Impregnation System



**Cast N' Vac 1000 Vacuum Impregnation System** evacuates trapped air from castable mounting materials and specimens. With the reduction of trapped air, the castable compound fills the specimen pores, helping to eliminate the gap between the specimen and the compound. With the use of a unique rotatable turntable and tilting mechanism the operator may pour epoxies under vacuum to better impregnate specimens.

**20-1382-160 Cast N' Vac 1000**, 115 VAC, 60 Hz, 1 phase

**20-1382-250 Cast N' Vac 1000**, 220 VAC, 50 Hz, 1 phase

### Accessories

**20-2835** Drierite Dehydrating Agent

**20-2842** Duo-Seal Vacuum Oil, Gallon

**20-2845** Vacuum Table Liners, Quantity 100