



ACCESSORIES

For Prism Molds, please see page 6.7.

Cement Autoclave

ASTM C151; AASHTO T107

Uses accelerated means of estimating delayed expansion of Portland cement caused by hydration of CaO and MgO. Test bars are exposed to controlled steam pressure and corresponding constant temperature. Unit produces 60-350 psi (0.4-2.4MPa) range of pressures and consists of steam vessel, pressure regulator, pressure gauge (0-600 psi x 5 psi), air vent valve, power switches and safety pop valve set at 350psi. Includes 20° - 500°F spirit thermometer, wrench and 5 gaskets. Additional gaskets, heating units and safety pop valves are available as replacement parts. Chamber dimensions: 6.125" ID x 16". Overall dimensions: 17" x 48" x 28" (431 x 1219 x 711mm) 1700W maximum power demand. 220V version comes with transformer.

Cement Autoclave, 120V 60Hz H-3240

Cement Autoclave, 220V 50/60Hz H-3240.4F

Ship wt. 180lbs. (81.6kg)

Rupture Disk

Rupture disks are used as safety devices in systems that involve pressure vessels, eliminating the need for a safety valve. The rupture disk is designed to be the weakest part of a pressure system so if there is a situation when excessive pressures occur, then the rupture disk fractures or opens thus releasing the built-up energy rendering the system safe. Rupture disks are a simple, yet reliable method for providing a safe system,

which does not require calibration. Both disks are rated to 420°F. The Monel disk is rated to 375psi and the Nickel disk is rated to 341psi.

Rupture Disk, Monel H-3240.21M

Rupture Disk, Nickel H-3240.21N

Ship wt. 0.4lbs. (0.18kg)

Rupture Disk Holder

Rupture disk holder, complete with piping to attach to the H-3240 cement autoclave. Order rupture disks separately.

Rupture Disk Holder H-3240.22

Ship wt. 2.9lbs. (1.3kg)

Test Bar Holder, 10"

ASTM C141, C151; AASHTO T107

Test bar holder for 10"-long (254mm) gauge bars; 8-bar capacity. Holds specimens vertically, above water level, so each test bar is exposed to steam.

Test Bar Holder H-3243B

Ship wt. 2.9lbs. (1.4kg)

Test Bar Holder, 5"

ASTM C141, C151; AASHTO T107

Test bar holder for 5"-long (127mm) samples.

Test Bar Holder H-3243A

Ship wt. 4lbs. (1.8kg)

Test Bar Holder Only

ASTM C227, C441

Test bar holder (stainless steel) for use with H-3267 mortar bar container. Holder supports six bars vertically and has feet that elevate it from the base of the container providing space for water.

Test Bar Holder Only H-3267.ST

Ship wt. 4lbs. (1.8kg)

Autoclave Replacement Parts

Description	Model
Air vent valve	H-3240.2
Safety pop-off valve	H-3240.3
Pressure gauge	H-3240.4
Pressure-control switch	H-3240.5
Set of cap screws, 16 per set	H-3240.6
Relay 60Hz	H-3240.7
Gaskets, 100 per package	H-3242
Lower heating unit for discontinued models. 115V. 50/60Hz	H-3244
Heating element; two-piece wrap-around type for both top and bottom. 115V 50/60Hz	H-3245
Mercury Thermometer, 20 to 580°F	H-2600.2F
Mercury Thermometer, -5 to 300°C	H-2610.2C