

Opal 460 Automatic Mounting Press

2000
watt



Innovative. Reliable.

The **Opal 460 Automatic Hot Mounting Press** combines a uniquely designed closure system with the rugged dependability that ATM has mastered over 30 years of building high pressure hydraulic systems.

The innovative EasyGlide closure system eliminates typical problems associated with threaded and bayonet closures. The mount closure sled slides over the hot mounting zone and automatically locks when the machine starts the mounting cycle.

An intermediate ram can be used to make double mounts. The **Opal 460** includes a conservation function which reduces water consumption by as much as 90% while still providing rapid cooling. The LCD interface controls basic settings such as heating and cooling time, pressure, and has advanced settings such as gradual increase of time and/or pressure.

The **Opal 460** is built for busy labs requiring solid and dependable mounting with programmability.



Opal 460 Automatic Mounting Press

Available Mold Sizes:
30 - 50 mm Round
1, 1¼, 1½" Round

Power:
110V / 60 Hz, 1 Phase
220V / 60 Hz, 1 Phase

Heating System:
4 x 500 Watt

Temperature Range:
0 - 200° C / 0 - 390° F

Heating Timer Range:
1 - 30 Minutes

Hydraulic Pressure:
0 - 250 bar

Cooling Timer Range:
1 - 30 Minutes

Dimensions W x H x D:
16 x 18 x 20"

Weight: 137 lbs

Optional:

Intermediate Ram for
Dual Mounts

Recirculation Coolant
System



Optional **Recirculation Coolant System** maintains constant water temperature with refrigeration coils



Large, user friendly **LCD graphic user interface** allows for easy operation and can store eighteen different programs for repeatability



Unique **Cylinder** design prevents seizure by allowing out-gassing during resin melt. Intermediate ram allows the **Opal 460** to produce two mounts per cycle



Opal mounting presses can be built seamlessly into ATM's SystemLab

