



The Opal 460 and Opal 480 are not only available as single units but also as a bench standing unit. By integrating the mounting presses in our System, we produce a comfortable working height.

Optionally, the **System mounting press** can be equipped with a closed cooling water system so it becomes independent from any mains water supply. In addition, the water consumption is reduced to a single filling (6 litres).

The System mounting presses are available as twin- or triple powder coated aluminium units and fit perfectly in our ATM System Lab.



SLIDING CLOSURE

The new sliding closure is a unique innovation and allows quick and easy opening/closing of the mould assembly. By actuating the lever, the closure slides to the correct position. After initiating the cycle the mould closes and reopens automatically on completion.

SIMPLE OPERATION

After pressing the start key, the fully automatic program sequence is executed with the preselected parameters. The parameters can be changed and adjusted during the mounting process.

MOULD ASSEMBLIES

Our comprehensive selection of mould assemblies from Ø 25.2 - 70 mm enables optimum mounting of your sample. Two mounts can be produced simultaneously with the use of a spacer.

ELECTRONIC CONTROL

With its clear LCD operation panel you can easily control the hot mounting press. Eighteen different mounting processes can be saved.

INDUSTRIAL STANDARD

All components used by us, as well as the construction design correspond to the normal device requirements for industry in Germany and EC Safety Regulations. The units are finished in service friendly modular construction.





SYSTEM-MOUNTING PRESSES (EXAMPLES)

2 lines

3 lines

- » Automatic hot mounting press in System Lab design
optionally available with Opal 460, 480 and HPL-tabletop
- » Fully hydraulic operation
- » Every mounting press operates independently
- » Automatic water cooling (with water-miser function)
- » Completely new and unique automatic closure system
- » Computer controlled with automatic cycle system
- » Four different pressure modes
- » Easy change of mould assemblies
- » Aluminium case, powder coated

ACCESSORIES

COOLING UNIT



System cooling unit

- » **Integrated in drawer**
- » Cooling 0.81 kW
- » Motor 0.52 kW
- » System pressure 2.6 bar
- » Tank 6 Ltr.

MOULD ASSEMBLIES (CYLINDER, UPPER AND LOWER RAM)

Opal 460	Order No.:
Ø 25.2 mm (appr. 1")	Z0780101
Ø 30 mm	Z0780102
Ø 32 mm	Z0780103
Ø 31.75 mm (1¼")	Z0780104
Ø 38 mm (appr. 1½")	Z0780105
Ø 40 mm	Z0780106
Ø 50 mm	Z0780107

Opal 480	Order No.:
Ø 50 mm	Z0790000
Ø 60 mm	Z0790001
Ø 70 mm	Z0790002
□ 30x60 mm	Z0790003
□ 40x60 mm	Z0790004

SPACERS FOR DOUBLE MOUNTS



Opal 460	Order No.:
Ø 25.2 mm (appr. 1")	00702113
Ø 30 mm	00702114
Ø 32 mm	00702115
Ø 31.75 mm (1¼")	00702141
Ø 38 mm (appr. 1½")	00702116
Ø 40 mm	00702117
Ø 50 mm	00702118

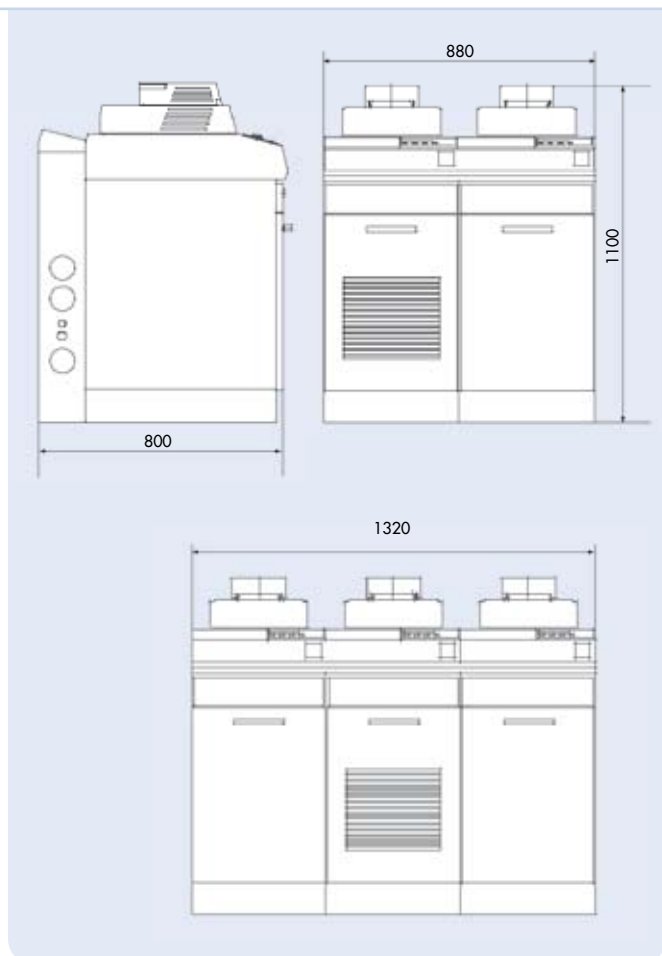
Opal 480	Order No.:
Ø 50 mm	00702118
Ø 60 mm	00702025
Ø 70 mm	00702026



Water cooling with water-saving function



SPECIFICATIONS



	Opal 460	Opal 480
Moulds	Ø 25.2 - 50 mm	Ø 50 - 70 mm
Motor	2.5 kW	3 kW
Heating	4 x 500 Watt	4 x 630 Watt
Power supply	1 230 V/50 Hz (1/N/PE) 2 110 V/60 Hz (1/N/PE)	
Temperature range	0 – 200 °C	
Heating timer	variable / 0 - 30 min	
Cooling timer	variable / 0 - 30 min	
Pressure	up to 400 bar depending on mould	
WxHxD		
2 lines	880x1100x800 cm	
3 lines	1320x1100x800 cm	



»WE HAVE A SYSTEM!

The integration of the devices in our System Lab design gives a comfortable working height.
The System mounting press integrates perfectly with our System Lab.