



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.





2 LINES



3 LINES

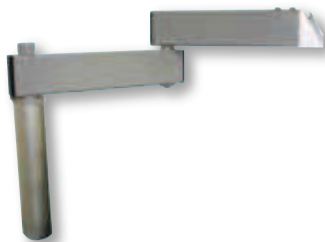
BASIC MODULE



SYSTEM MOUNTING PRESSES (EXAMPLES)

- » 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

EQUIPMENT



SWIVEL SYSTEM (select equipment)

- » Fixing on media rail of cabinet
- » Also suited for table devices
- » Simple swivel arm construction for Systeme-inbett-press (double dosing system with two swivel arms available for different mounting materials)

Order No.: A0707000

ACCESSORIES

SWIVEL SYSTEM FOR WALL FIXING

- » For cabinets without media rail

Order No.: A0707001

DOSING SYSTEM FOR HOT MOUNTING MATERIALS



- » For portioning hot mounting material (adjustable 10–30 cm³)
- » Dosing unit can be taken out completely
- » Adapter system for 5-Liter-bucket

Order No.: A5800439



E-Lab ready



Water cooling with water saving-function

ACCESSORIES

COOLING UNIT



System cooling unit

» Integrated in drawer

» Cooling	0.81 kW
» Motor	0.6 kW
» Flow pressure	2.8 bar
» Tank	6 Ltr.

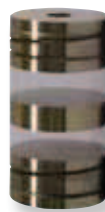
MOULD ASSEMBLIES (CYLINDER, UPPER- AND LOWER RAM)

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
□ 30 x 60 mm	Z0790003
□ 40 x 60 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

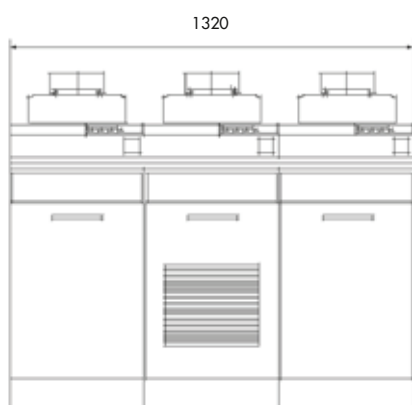
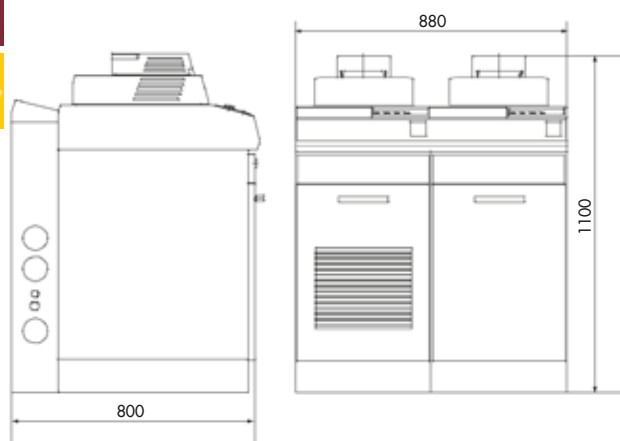
Opal 480 Order No.:

Ø 50 mm	00702118
Ø 60 mm	00702025
Ø 70 mm	00702026



SPECIFICATIONS

	Opal 460	Opal 480
Moulds	Ø 25.2 - 50 mm	Ø 50 - 70 mm
Connected load	3.1 kVA	3.6 kVA
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	880 x 1100 x 800 cm	
3 lines	1320 x 1100 x 800 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.