



HOT MOUNTING PRESS

OPAL 410

**The OPAL 410 is a fully hydraulic, water cooled hot mounting press for mounting samples before polishing. The process sequence is executed automatically. Mould assemblies can be exchanged quickly and without tools.**

The robust aluminium construction is powder coated. With its solid construction and QATM hydraulic system, the operating noise of the hot mounting press is minimized. Our comprehensive selection of mould assemblies from Ø 25.2-40 mm and different pressure methods enable optimum mounting of your sample. Two mounts can be produced simultaneously with the use of a spacer.

## PRODUCT ADVANTAGES

- | Automatic hot mounting press
- | Fully hydraulic, water cooled
- | Bayonet closure
- | Automatic program cycle
- | Mould assembly easy to change
- | Solid aluminium case construction, powder coated

## TECHNICAL DATA

<b>Mold assembly</b>	Ø 25 - 40 mm (6 different sizes)
<b>Closure system</b>	bayonet
<b>Thermostate range</b>	20-200°C
<b>Heating time</b>	variable 0-30 min
<b>Cooling time</b>	variable 0-30 min
<b>Max. pressure in mold assembly depending on mold assembly's size</b>	450 bar
<b>Connection power</b>	3.1 kVA
<b>Heating power</b>	4x 500 W
<b>W x H x D</b>	350 x 400 x 450 mm
<b>Weight</b>	~ 40 kg

[www.qatm.com/opal-410](http://www.qatm.com/opal-410)

## ORDER DATA

### BASIC EQUIPMENT

#### MACHINE (ALL ITEMS REQUIRED)

M0770000		Opal 410 Base machine
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#### POWER SUPPLY (1 ITEM REQUIRED)

A0770000	Opal 410 power supply 220-230V/50/60Hz (1Ph)
A0770001	Opal 410 power supply 110V/60Hz (1Ph)

#### MOULD ASSEMBLY (CAN BE ORDERED SEPARATELY)

Z0770101	Opal 410 mould assembly Ø 25,2mm (approx.1")
Z0770102	Opal 410 mould assembly Ø 30mm
Z0770103	Opal 410 mould assembly Ø 32mm
Z0770104	Opal 410 mould assembly Ø 31,75mm (1 1/4")
Z0770105	Opal 410 mould assembly Ø 38mm (approx. 1 1/2")
Z0770106	 Opal 410 mould assembly Ø 40mm

#### SPACER (CAN BE ORDERED SEPARATELY)

00702113		Opal 410 spacer Ø 25,2mm / 1" for double mounts
00702114		Opal 410 spacer Ø 30mm for double mounts
00702115		Opal 410 spacer Ø 32mm for double mounts
00702141		Opal 410 spacer Ø 31,75 mm (1,25") for double mounts
00702116		Opal 410 spacer Ø 38mm / 1 1/2" for double mounts

00702117



Opal 410 spacer Ø 40mm for double mounts

## OPTIONS (TO BE ORDERED WITH MACHINE)

95014560



Starter Kit Hot Mounting

## OPTIONS (CAN BE ORDERED SEPARATELY)

Z0730003 Connection set Opal 1x Op. -1x C.

Z0730007 Qpress external recirculation unit 230V/50Hz 1 phase

Z0730008 Qpress external recirculation unit 110V/60Hz 1 phase

A5810171 System Lab cooling unit 220-230V/50/60Hz (1Ph) in system drawer (18 HT)

A5810172 System Lab cooling unit 110V/60Hz (1Ph) in system drawer (18 HT)