



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

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

www.qatm.com/opal-410

ORDER DATA

BASIC EQUIPMENT

MACHINE (ALL ITEMS REQUIRED)

M0770000  Opal 410 Base machine

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)