

AUTOMATIC MOUNTING PRESSES WITH INTERCHANGEABLE MOLD ASSEMBLY

Remet

Automatic Mounting Presses IPA Series

These mounting presses quickly produce high quality embedded metallographic samples with every type of mounting resin. The mounting cycle is controlled by a microprocessor with a user-friendly touch panel. These mounting presses can meet the needs of any metallurgical laboratory.

AUTOMATIC PRESSES
Operated by compressed air. The only tasks are positioning the specimens and pouring the resin.

SEMI-AUTOMATIC PRESSES
Equipped with a hand operated hydraulic cylinder. Automatically restores the operating pressure to compensate for the decrease in pressure due to the melting of the resin during the mounting process.

INTERCHANGEABLE MOLDING UNITS
Both automatic and semiautomatic presses have a full range of mounts with different diameters that can easily be changed to produce your desired mount diameter.



Technical Specifications	IPA 30	IPA 40	IPA TI	IPA SA 30	IPA SA 40	IPA SA TI
Mounting diameter (mm)	30	40	20÷65	30	40	20÷65
Max heating temperature (°C)	200					
Max mounting time (min)	99					
Power (kW)	0,6	0,65	0,6÷0,7	0,6	0,65	0,6÷0,7
Power supply	220V / 1-phase					
Weight (kg)	40	42	43	35	36	38
Dimensions (mm): W	400	400	400	225	225	225
D	400	400	400	480	480	480
H	510	510	510	680	680	680

Automatic Mounting Presses EVOLUTION Series

The Evolution Series mounting presses have a compact design and they are perfect for the labs that are using phenolic and epoxy mounting resins. These automatic presses are microprocessor controlled, they have heavy duty metal housings and are capable of making mounts from 25mm to 40mm in diameter.



Technical Specifications	IPA 30 E	IPA 40 E	IPA E TI
Mounting diameter (mm)	30	40	25÷40
Max heating temperature (°C)	200		
Max mounting time (min)	99		
Power (kW)	0,6	0,65	0,6÷0,7
Power supply	220V / 1-phase		
Weight (kg)	25		
Dimensions (mm): W	225	225	225
D	480	480	480
H	680	680	680

Hydraulic and Computerized Mounting Presses

The automatic hydraulic mounting press enables it's user to mount metallographic samples with every kind of hot mounting resin. Fully automatic mounting process is controlled by a microprocessor, which allows samples to be completed economically and safely. The sturdy body is oven painted steel and all machine controls (power switch, cycle start/stop, piston operations) are centrally located to comply with all CE standards. Mounting pressure is supplied by an electro-hydraulic system: it's 100 bar maximum pressure is controlled by a built in pressure gauge. The mold assembly is made with special lapped hardened steel. The machine is supplied with a mold assembly for d. 50 mm mounts, but it is possible to quickly change the mold assembly to produce mounted samples from d. 25 mm to d. 50 mm. The screw closure system of the mold assembly is safe and easy to use. The electric resistance heating system is digitally controlled. Cooling of the unit is achieved by a water circuit; which is connected to a water supply, it is automatically opened at the end of the heating process. Both heating and cooling temperatures can be preset. An audio signal informs the operator when the cycle is completed.

This fully automatic hydraulic press is controlled by a microprocessor with a user-friendly touch panel. This machine is recommended when high molding pressures are needed. This press is extremely quiet, due to the electronic pressure control that stops the hydraulic system when the programmed working load has been reached. A full range of mounts with different diameters can be produced simply by changing the mold assembly with a very fast system.



Technical Specifications	COMPUPRES	IPA
Mounting diameter (mm)	25÷50	
Max. heating temperature (°C)	200	
Max. mounting time (min)	99	
Pressure (bar)	100	
Power (kw)	0,7	
Power supply	220V / 1-phase	
Weight (kg)	50	55
Dimensions (mm): W	510	400
D	605	500
H	526	510

