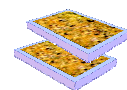




1.04.09 VACUUM & PRESSURE EMBEDDING MACHINE



CUTTING / CORING

COATING / EMBEDDING

BONDING

GRINDING

LAPPING

POLISHING



APPLICATIONS

Specially designed for the simultaneous embedding of several porous samples

DESCRIPTION

The samples, arranged in a 3-level cylindrical basket, are impregnated of hot resin (80°) after gassing and reach of right temperature (80°). The, they undergo a pressure of 20 bars, for a perfect impregnation of resin. The use of a colored resin allows a visual study of porosity.

CHARACTERISTICS

Compact machine including:

- a stand-up cabinet
- a thermoregulated enclosure in stainless steel
- a thermostatic bath for the preparation of resin
- A membrane vacuum pump (Vacuum : 0,01 bar, flow : 37 L/min)
- a set of command module for temperature regulation
- a set of command module for vacuum and pressure
- a command box for electric and pneumatic devices

Equipment conform to EC applicable regulations

Resin

Maximum tank capacity: 1.5L (1L resin usable)
Maximum temperature: 100° ±0,5

Pressure

Vacuum value: 10⁻² bar.
Pressure value: 20 bar.by nitrogen bottle (not provided)

Electric input

230V single,phase 50Hz

Machine dimensions

Depth	570 mm
Width	600 mm
Height	1100 mm
Weight	120 kg.



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