10T -25T LAB PRESS WITH HEATING PLATES

TECHNICAL DATASHEET

The Lab Press equipped with heating plates is designed for the preparation of plastic or rubber sheets from which it is possible to obtain standardized specimens for both mechanical physical tests and quality controls of vulcanized compounds, printed samples, sintered powders, tests on expanded materials, laminating tests, etc.

A control operates the electrohydraulic pump (internal to the unit) connected with hydraulic hoses to the handling cylinder. A pneumatic system allows to move the plates and increase the speed, so as to decrease the closing time. The working pressure is read directly from the pressure gauge on the panel. The press can also be easily equipped with a wide range of accessories.

Maximum Exercise Pressure 10,000 Kg / 24,000Kg,
Set of 2 heating plates 300 x 300 mm in special aluminum alloy, each equipped with n°4/ 0.8 kVA cartridge heater.
Control panel with digital electronic display, thermoregulators (temperature range 0 ÷ 300°C), for the independent thermoregulation of each plate.
A cooling coil is inserted in each heating plate to connect to an air circuit supply.
The heating plates are also equipped with a thermostat against overheating.
The lower plate is lifted with a hydraulic piston, while the upper plate is fixed.
The area of work is protected with a box and safety glass to avoid burns owing to the high temperatures; this safety system does not allow movement if it is left open.

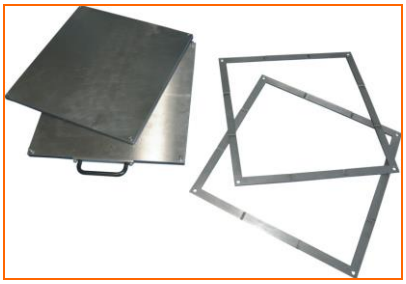




Technical Specifications

- Opening of the plates: 0 ÷ 150 mm
- Range of pressure: 10 ÷ 100 kN(10T)
- Range of pressure: 10 ÷ 234 kN (25T)
- Advisable max working pressure: 680÷ 700 bar
- Working temperature: ambient ÷ 300°C
- Dimensions: 90 x 75 x 155 h (10T)
- Dimensions: 90 x 75 x 165 h (25T)
- Weight: approx. 250 kg /300 Kg
- Air inlet pressure for cooling circuit: 3 bar
- Power supply: 230 Vac, 50 Hz,
- Power consumption 6.4 kVA

Accessories:



Mould 270x270 mm
Thickness available 3-4-5 mm

Code	Description
10026120	10T Lab Press w/heating plates
10026100	25T Lab Press w/heating plates
10026150	270 x 270 mm Mould

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