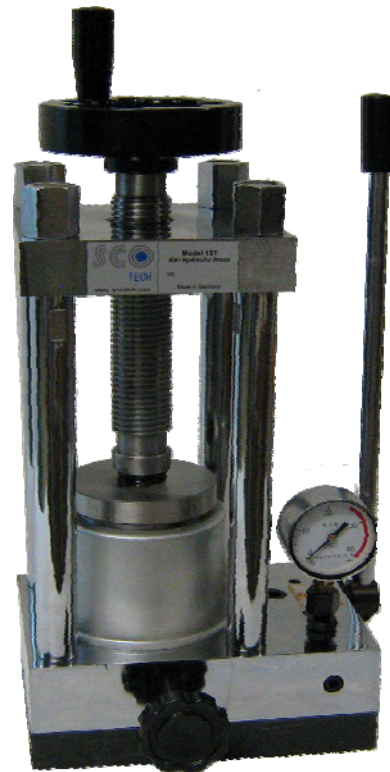


## Model 15T

## Manual Hydraulic Press

CE



The Manual Hydraulic Press is available up to 25 MPa load and used for a wide range of laboratory press applications. The press has a compact, small footprint design making it ideal for bench-top and glove box laboratory applications.

With a rigid steel construction, and protective safety shield as standard, this laboratory hydraulic press is particularly well-suited for FTIR KBr pellet press, XRF pellet press and thin film press applications.

The easy-to-read scale gauge is calibrated in MPa. Adjustable pressure control valve allows reproducible load for repetitive applications. A range of conversion gauges are available for low pressure hydraulic press applications.

## Features

- 25 MPa configurations
- Polycarbonate safety guards
- Adjustable upper bolster
- Adjustable pressure control valve
- Vacuum ports
- Pressure release valve
- Low pressure conversion gauges

## Specifications

<b>Model</b>	<b>15T</b>
Pressure Range	0-15T ( 0-25 MPa)
Piston Diameter	87mm
Maximum Piston Stroke	20mm
Table Diameter	98mm
Workspace	90×90×150mm
Pressure Stability	≤1MPa/5min
Weight	40kg
Exterior Size	280×210×500mm

Large tonnage machine, small for a large cross-sectional area of the powder molded piece, or need greater pressure of the occasion, accompanied by different shapes of the mold, you can press out the different shapes of different sizes of film. Such as: round, square, rectangular, circular, hexagonal, flat shape, coupled with electric heating the mold, the heating process in the tablet.

Circuit principle: work, close the drain valve 7. Swing manual pressure to 11, the oil from the oil tank 8 through the inhalation check valve 15 through a check valve 16 into the piston-cylinder pressure of 6, so continue to store energy, and high-pressure oil, and 10 in the instrument displayed when opening the drain valve 7, the immediate unloading.

Steps: first injection hole 13 Unscrew the screw clockwise to tighten the oil drain valve 7, table 5 will be placed in the center of the mold, with the tightening screw 2, the back and forth manual pressure to 11 to achieve the required pressure, holding pressure, the counter-clockwise opening valve 7 loose, you can remove the mold.

Diameter	Working Pressure (T)
Ø 5	< 3
Ø 6	< 4
Ø 8	< 7
Ø 10	< 11
<b>Ø 13</b>	<b>&lt; 20</b>
Ø 15	< 26
Ø 20	< 47
Ø 25	< 70
Ø 30	< 100
Ø 40	< 180



Die set

KBr Powder



Mortar and pestle



die set



## Optional Accessories

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