

Technical data sheet

12-Tonne Manual Laboratory Press

PT-P12 is a manual hydraulic press for laboratory powder and pellet preparation. A dual-scale gauge displays nominal press load and hydraulic pressure, while the two-column frame accommodates compatible sample dies.

Key features

- Manual hydraulic operation
- Dual load/pressure gauge
- Two-column frame with an 80 mm worktable

Technical Information

Nominal press rating	0-12 tonnes
Hydraulic pressure range	0-30 MPa
Maximum piston stroke	30 mm
Piston diameter	70 mm
Worktable diameter	80 mm
Column spacing	96 × 130 mm
Dimensions (L × W × H)	225 × 155 × 380 mm
Weight	28 kg

Configuration

Base manual press with pressure gauge. Dies are application-specific; confirm die diameter, maximum load and inclusion before ordering.

The specified pressure stability is ≤ 1 MPa over 10 minutes. The gauge relates 12 tonnes nominal load to 30 MPa hydraulic pressure; hydraulic pressure is not specimen pressure. Select a die rated for the intended load and specimen size.

Applications

Laboratory powder pressing and pellet preparation with a die selected for the material and analytical procedure.

Selection / Ordering Information

Confirm the die, sample dimensions and required pressing load in the quotation. Request required calibration documents separately.

Review the configuration with PRECETTA before ordering.