

LABWAN Laboratory Manual Hydraulic Pellet Press

Model: LW-LPPM Series

PRODUCT DESCRIPTION

- A Complete Laboratory Hydraulic Press producing a force of about 15 tons, designed for high-quality pellet preparation. It is a compact, elegant and robust machine typically used by R&D and QC labs for various pelletizing applications such as IR/XRF.
- The Manual Hydraulic Press is available up to 25 MPa load and features a compact, small-footprint design suitable for bench-top and glove box laboratory applications. With rigid steel construction and a protective safety shield as standard, it is particularly suited for FTIR KBr pellet press, XRF pellet press and thin film press applications.



FEATURES

- 13 mm pellet used for IR/FTIR/XRF solid sampling
- 15 ton laboratory hydraulic pellet press
- Compact, elegant and robust construction
- High-pressure pumping unit supplies hydraulic fluid to the up-stroking ram
- Ram moves steadily and positively in the upward direction
- Available up to 25 MPa load
- Rigid steel construction
- Protective safety shield as standard
- Easy-to-read scale gauge calibrated in MPa
- Adjustable pressure control for reproducible load
- Suitable for FTIR KBr pellet, XRF pellet and thin film pressing
- Suitable for bench-top and glove box laboratory applications

APPLICATION/USES

- IR/FTIR/XRF solid sampling
- Pharmaceutical development
- Spectroscopy
- Bomb calorimetry
- Pellet preparation from powdered materials
- Bench-top and glove box laboratory applications

LABWAN Laboratory Manual Hydraulic Pellet Press			
Model	LW-LPPM 15T	LW-LPPM 25T	LW-LPPM 40T
Pressure Range	0-15T	0-25T	0-40T
Piston Diameter	50 mm	85mm	95mm
Maximum Piston Stroke	20mm	25 mm	30 mm
Table Diameter	95 mm	95 mm	120 mm
Workspace	90×90×150mm	120×00×150mm	150×150×230mm
Pressure Stability	≤1MPa/5min	≤1MPa/5min	≤1MPa/5min
Weight	35kg	45kg	60kg
Exterior Size	280×210×380mm	300×270×400mm	380×350×450mm