

Laboratory Manual Hydraulic Pellet Press (Digital Gauge)

PRODUCT DESCRIPTION

- A Complete Laboratory hydraulic press producing a force about 15 tons use to make high quality.
- 15 ton laboratory Hydraulic Pellet Press is a compact, elegant and robust machine, typically used for R&D Display Type: Crystal LCD 5 Digit x 2 Line.
- 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.
- The easy-to-read scale gauge is calibrated in MPa. Adjustable pressure control value allows reproducible load for repetitive applications. A range of conversion gauges are available for low pressure hydraulic press applications.
- A laboratory press is used to create compressed pellets out of powdered material for use in applications as diverse as pharmaceutical development, spectroscopy, and bomb calorimetry. Powders are placed into a die (or mold) of the laboratory press and are pressed into shape by hydraulic action.

APPLICATION/USES

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



FEATURES

- 13mm pallet used for IR/FTIR/XRF Solid Sampling
- 15 ton laboratory Hydraulic Pellet Press
- Compact, elegant and robust machine
- Display Type: Crystal LCD 5 Digit x 2 Line
- Accuracy: 0.25% of FSD
- Housing: ABS
- Operating Temp: (-)20 to 85 Degrees
- Power Supply: 3 x 1.5V AA Battery Life 3600h
- Size: 78mm Diameter
- Temperature Shift: 0.05% F.S. per Degree
- Engineering Unit: Bar, CMHG, INH2O, INHG, KGCM, Kpa, MH2O, MMH2O, MMHG, Mpa, Psi
- Available up to 25 MPa load
- 4 Digit LED display with 4-20mA Output Facility
- Easy-to-read scale gauge calibrated in MPa
- Adjustable pressure control value
- Reproducible load for repetitive applications
- Range of conversion gauges available for low pressure hydraulic press applications
- Compact, small footprint design
- Ideal for bench-top and glove box laboratory applications
- Used to create compressed pellets out of powdered material
- Applications include pharmaceutical development, spectroscopy, and bomb calorimetry
- Powders are placed into a die (or mold) and pressed into shape by hydraulic action.

Laboratory Manual Hydraulic Pellet Press (Digital Gauge)			
Model	LW-LMPDG 15T	LW-LMPDG 25T	LW-LMPDG 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