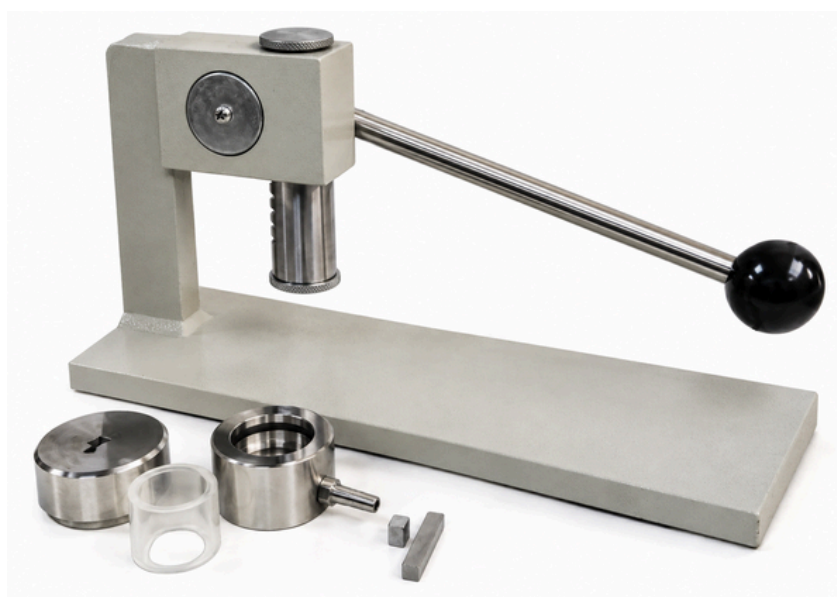


LABWAN Mini-Arbor Desk Top KBr Pellet Press

Model: LW-KBr4T

PRODUCT DESCRIPTION

The LW-KBr4T KBr Pellet Press is a compact and robust laboratory press designed for preparing solid sample pellets for IR, FTIR and XRF analysis. It uses a torque-wrench-operated die-set assembly to provide repeatable pellet preparation and is suitable for R&D and quality-control laboratories.



FEATURES

- Economical full-scale KBr pellet press for laboratory sample preparation.
- Produces transparent, reproducible pellets with consistent pressure application.
- Torque-wrench operation allows controlled and repeatable pressure.
- 20 ft-lb torque capacity, sufficient to generate up to 16,000 lbs/in² pressure.
- 3-ton laboratory hydraulic pellet press with a compact, robust construction.
- Supports 2–6 mm pellet preparation for IR/FTIR/XRF solid sampling.
- 7 mm hardened die sets with optically polished faces.
- Uses aerospace-grade nickel-based alloy for the die-set anvils.
- Interchangeable die sets for flexible pellet preparation.
- Can be operated on a workbench, bench-mounted vise, or table edge.
- High-pressure pumping unit supplies hydraulic fluid to the up-stroking cylinder ram.
- Suitable for R&D and QC laboratories for various pelletizing applications.

APPLICATION/USES

- IR and FTIR solid sample preparation
- XRF pellet sample preparation
- KBr pellet preparation
- R&D laboratory applications
- Quality-control laboratory applications
- General laboratory pelletizing

Parameter	Specification
Product Name	Mini-Arbor Desk Top KBr Pellet Press
Model Number	LW-KBr4T
Model	ABP 4T
Pressure Range	0–3 T
Piston Diameter	25 mm
Maximum Piston Stroke	30 mm
Workspace	75 × 250 mm
Press Stability	≤1 MPa/5 min
Weight	5 kg