

AutoPellet RP Series

Benchtop Laboratory Pellet Press

The AutoPellet RP Series benchtop laboratory hydraulic press is designed for preparing pellets, briquettes, and cakes from various powdered materials. It is ideal for sample preparation before XRF analysis and non-destructive elemental research. This easy-to-use press includes a color touch screen HMI with programmable control of clamp force, dwell time, decompression rate, and eject force. It is capable of storing up to 20 custom made recipes for automated cycles, and includes a manual mode for quick and easy pellet pressing. The compact design is glovebox-friendly and suitable for clean rooms and can accommodate die assemblies for pressing pellets up to 40mm diameter.

Specifications:

- Available up to 25 or 40 tons maximum clamping force
- Minimum 1,000 pounds force
- Daylight Opening: 1.5" – 7.25"
- Stroke: 1"
- Daylight adjustment wheel with swivel handle
- Self-contained hydraulic unit
- 5" diameter work area
- Programmable setpoints for clamp force, dwell time, and ejection force
- Programmable decompress rate
- 20 recipe storage capability
- Interlocked safety door
- Available in 115V/1ph or 230V/1ph supply voltage
- Dimensions:
17.25" L-R x 20.25" F-B x 22"-28" H
- Weight: 375 pounds

