



PS121 Press

The PS121 Press System is a specialized hydraulic press designed for generating ultra-high pressures within a Diamond Anvil Cell (DAC) assembly, specifically for use in conjunction with SQUID (Superconducting Quantum Interference Device) magnetometers. It applies controlled axial force via a hydraulic screw mechanism, monitored by an integrated load cell. The system enables the preparation of samples under pressures up to 15 GPa within a compact, non-magnetic (BeCu) pressure chamber suitable for insertion into the confined space of a SQUID magnetometer.

Product Code: PSK-121

TECHNICAL DATA

PRESSURE DRIVER	Hydraulic screw
MATERIAL	Inox structure and plastic
Load cell	1 ton
Display	Large
MAX PRESSURE	up to 15 GPa
DIMENSIONS	250x190x390

HIGHLIGHT

- Easy to use
- Pressure control