

Hydrostatic Pressure Cells for Electrical Measurements

Manufactured by ElectroLab

Features

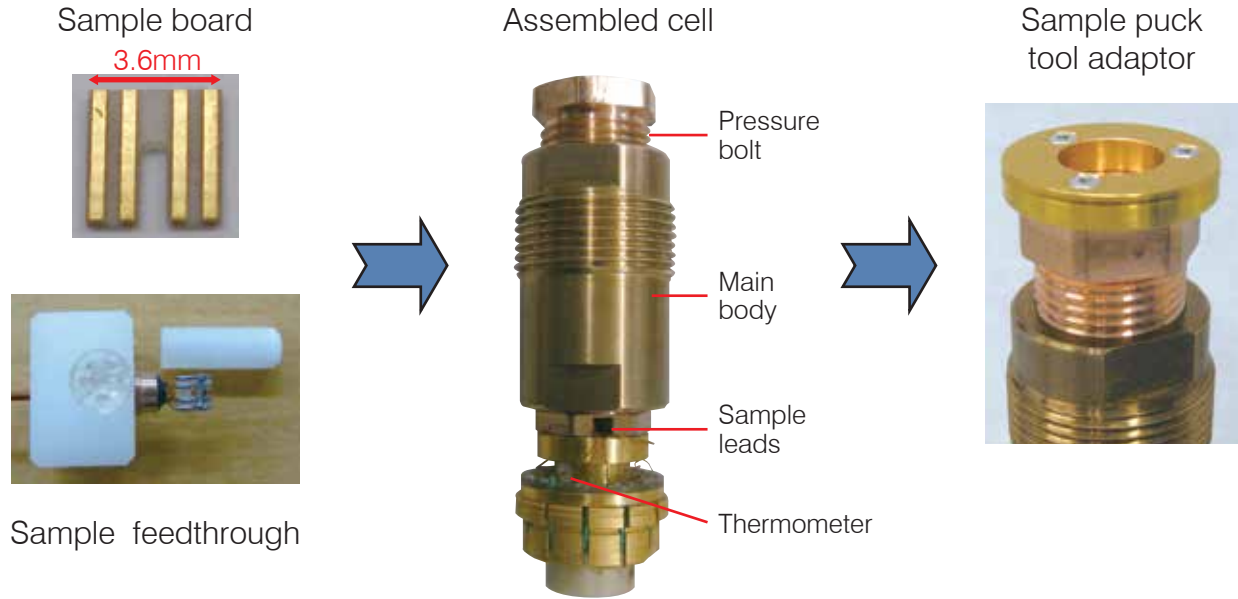
- From the leading supplier of hydrostatic pressure cells in Japan
- Compatible with the QD DC transport, ACT and ETO options
- Based on traditional BeCu pressure cell technology
- 4.0 mm diameter sample space
- Integrated external thermometer
- 10 sample leads (5 twisted pair)
- Compatible with all QD PPMS platforms
 - DynaCool
 - PPMS
 - VersaLab

Specifications

Model	HPC-33
Max applied load	3.0 GPa
Max sample pressure	2.7 GPa
Material	BeCu
Sample space diameter	4.0 mm
Sample space height	6.0 mm
Temperature range	1.9 to 400 K
Field	9 T



Cell Assembly



Press Sets

Press specifications

Model	CDM-5PAS (5 ton)	CDM-10PAS (10 ton)
Maximum pressure	70 MPa	70 MPa
Bore area	7.16 cm ²	14.52 cm ²
Mass	10 kg	25 kg



Optional – digital pressure gauge



High Performance Press

Model FHP-5P-37S/40S

CDM-5PAS/10PAS plus:

- Fine pressure control
- One-way check valve
- Digital gauge
- All components mounted on base-plate