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Science Under Pressure

products



easyLab® Mcell 10

RELATED PRODUCTS:

- easyLab® easyCell 30
- easyLab® Pcell 15/30
- easyLab® Sphereo 15

RELATED ACCESSORIES:

- Disks, Rings, PTFE Caps
- Transmitting Medium Kit

easyLab® Mcell 10

High Pressure Cell for Quantum Design's MPMS®

- ▶ Simple to use: requires minimum set-up time.
- ▶ Optimised design and material selection: enables pressures of up to 1 GPa (10 kbar) whilst keeping an optimum sample space.
- ▶ The complete solution: provides a convenient and trouble-free way to study magnetic properties under high pressures.
- ▶ Includes interfacing components to QD's MPMS®.
- ▶ Mpress desktop mini-press hydraulic ram system supplied as standard. facilitates all pressurisation and depressurisation operations.

Technical Specifications:

Structure	Single-walled, Cylindrical
Maximum Pressure	1.2 GPa
Operating Pressure	1.0 GPa
Measurement Type	AC Susc. & DC Magnetisation
Sensitivity	10^{-5} emu
Pressure Volume	1.9 mm dia. x 10 mm length
Manometers	Tin (4 K) - optional
Dimensions	8.5 mm dia x 75 mm length
Channel	3 mm dia.
Weight	32 g

Specifications subject to change without prior notice.

