



Products



RELATED PRODUCTS:

- easyLab® Mcell 10
- Bohler μ Driller
- Optiprex Ruby Line

RELATED ACCESSORIES:

- easyLab® MPress
- Gasket Blanks
- Ruby Powder
- Gasket Indenter
- Diacell® easyGlue

easyLab® Mcell Ultra

Diamond anvil cell for SQUID magnetometers.

- ◆ Miniature diamond anvil cell specifically designed for commercial SQUID magnetometers;
- ◆ Typically, one can expect pressures of up to 20 GPa when using diamond anvils with culets of 0.50 mm. ;
- ◆ Special engineered easyLab® Mpress enables more accurate control and reproducibility of the in-situ pressure versus applied force;
- ◆ The complete solution: provides a convenient and trouble free way to study magnetic properties of superconducting and ferromagnetic materials under ultra high pressures;
- ◆ Includes interfacing components to Quantum Design's MPMS, but can be used in any other SQUID magnetometer;
- ◆ The easyLab® Mcell Ultra can also be used with the VSM option;
- ◆ Superior customer support: consumables and replacement parts are readily available. If required, installations and training are provided at user's site. Support and guidance via skype video call possible.

Technical Specifications:

Cell Material	Beryllium Copper Alloy
Anvil Support Plate	Beryllium Copper Alloy
Pressure Mechanism	Screw driven
Maximum Pressure	20 GPa
Weight	14 g
DAC Diameter / Height	8.5 mm / 35 mm
Sensitivity	10^{-5} emu
Measurement Type	AC Susceptibility, DC Magnetisation

Specifications subject to change without prior notice.
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www.almax-easyLab.com

Almax easyLab bv
Wagenmakerijstraat 5
8600 Diksmuide
Belgium
Ph: +32 51 55 56 37

Almax easyLab Inc (For US and Canada)
Harvard Square -1, Mifflin Place
Cambridge, MA 02138,
United States of America
Ph: + 1 617 701 7245

