



Products



Diacell® CryoDAC-PPMS

RELATED PRODUCTS:

- Diacell® CryoDAC-PPMS XL
- easyLab® easyCell 30
- easyLab® PCell 30
- Optiprex Ruby Line
- Böhler µDriller

RELATED ACCESSORIES:

- Diacell® Design 2.5mm Anvils
- Patterned / Intelligent Diamond Anvils
- BeCu Anvil ring 2.5 mm
- Gasket Blanks
- Ruby Powder
- Gasket Indenter

Diacell® CryoDAC-PPMS

Diamond anvil cell (DAC) for Quantum Design's PPMS®

- ◆ The Diacell® CryoDAC-PPMS is designed for electrical transport measurements in QD's PPMS® platform;
- ◆ The cell has been engineered so that it connects to the PPMS® using a similar puck to that found in the original system;
- ◆ A printed circuit board (PCB), which can be screwed on the top of the piston and near the anvils, is included. The electrical connections between sample and this PCB and from there to the puck must be made by the user;
- ◆ Large side windows on the cell body allows easier access for viewing and manipulating wires inside the cell;
- ◆ The Diacell® CryoDAC-PPMS can also be used for optical measurements in the PPMS®. The numerical aperture of the DAC is 0.34.

Technical Specifications:

Cell Material	Beryllium Copper Alloy
Anvil Support Plate	Beryllium Copper Alloy
Pressure Mechanism	Screw-driven
Maximum Pressure	20 GPa
Top/Bottom Angles	40° / 8°
DAC Diameter / Height	24 mm / 48 mm (excl. puck)
Working Distance to Sample	10 mm
Numerical Aperture	0.34

Specifications subject to change without prior notice.
easyLab and Diacell are registered trademarks of Almax easyLab

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

