



## Products



Diacell® CryoDAC-PPMS

### RELATED PRODUCTS:

- easyLab® easyCell 30
- easyLab® PCell 30
- Optiprex Ruby Line
- Boehler 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;
- ◆ 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.  
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