



## Products



Diacell® CryoDAC-PPMS

### RELATED PRODUCTS:

- easyLab® easyCell 30
- easyLab® Pcell 30
- Böhler microDriller
- Optiprex PLS
- Diamond Anvils

### RELATED ACCESSORIES:

- Gasket Blanks
- Ruby Powder and Spheres
- Support Plates
- Transmitting Medium Kits

## Diacell® CryoDAC-PPMS

Diamond anvil cell 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 NA is 0.34.
- ▶ 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 Seat (support plate) | Beryllium Copper Alloy        |
| Pressure Mechanism         | Screw-driven                  |
| Maximum Pressure           | Up to above 20 GPa            |
| Measurement Type           | Electrical Transport, Optical |
| DAC Diameter               | 24 mm                         |
| DAC Height                 | 48 mm (exc. puck)             |
| Weight                     | 12 g                          |

Specifications subject to change without prior notice.  
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