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Science Under Pressure

## products



Diacell® CryoDAC-PPMS

### RELATED PRODUCTS:

- Diacell® CryoDAC-LT
- Diacell® CryoDAC-Mega
- Diacell® CryoDAC-Nitro
- Diacell® CryoDAC-ST
- Diacell® CryoDAC-Tesla
- Optiprex PLS

### RELATED ACCESSORIES:

- Anvil Jigs
- Diamond Anvils
- Gasket Blanks
- Ruby powder
- Support Plates



## Diacell® CryoDAC-PPMS

Clamp Cell for Low Temperature Applications  
 Part of the Diacell® CryoDAC Series

► The Diacell® CryoDAC-PPMS is a diamond anvil cell designed primarily for transport measurements in a Quantum Design PPMS® platform, but it can also accommodate optical measurements equally well.

► The cell has been engineered so that it connects to the PPMS® using a similar puck to that found in the original system.

► Once connected to the PPMS®, the sample is at the centre field of the system and electrical connections are made the usual way between the puck and the bottom of the sample tube.

► A printed circuit board, which can be screwed on the top of the piston and near the anvils, is used for helping with the electrical connections to the sample.

### Technical Specifications:

Cell Material	Beryllium Copper Alloy
Anvil Support Plate	Beryllium Copper Alloy
Pressure Mechanism	Screw Drive
Top Angle	40° Conical
Bottom Angle	6° Conical
DAC Diameter	25 mm
DAC Height	30 mm
Working Dist. to Sample	8.5 mm

Maximum pressure is dependent upon the culet size of the anvils.

easyLab is committed to its policy of continuous improvement.

Specifications may change without notice.

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