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Science Under Pressure

## products



Diacell CryoDAC-Tesla

### RELATED PRODUCTS:

- Diacell CryoDAC-LT
- Diacell CryoDAC-Mega
- Diacell CryoDAC-Nitro

### RELATED ACCESSORIES:

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

## Diacell CryoDAC-Tesla\*

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

\*Formerly Tinycell

- ▶ The Diacell CryoDAC-Tesla is a very small diamond anvil cell (11.5 mm cube).
- ▶ Ideal for optical studies at low temperatures and high magnetic fields environments, or where sample space is limited.
- ▶ Pressure is applied by clamping the DAC itself between two hemicylinders.
- ▶ Diamond-diamond axis parallel to magnetic field.
- ▶ The Diacell CryoDAC Series is completed with CryoDAC-Nitro (gas membrane driven), CryoDAC-Mega (clamp cell for pressures up to 100 GPa) and CryoDAC-LT (a unique cell which can be driven by a hydraulic ram system).

### Technical Specifications:

Cell Material	Beryllium Copper Alloy
Anvil Support Plate	Beryllium Copper Alloy
Pressure Mechanism	Screw drive
Top Angle	Conical 40°
Bottom Angle	Conical 40°
DAC Diameter	24 mm
DAC Height	47 mm
Working Dist. to Sample	12 mm

Specifications subject to change without prior notice.

