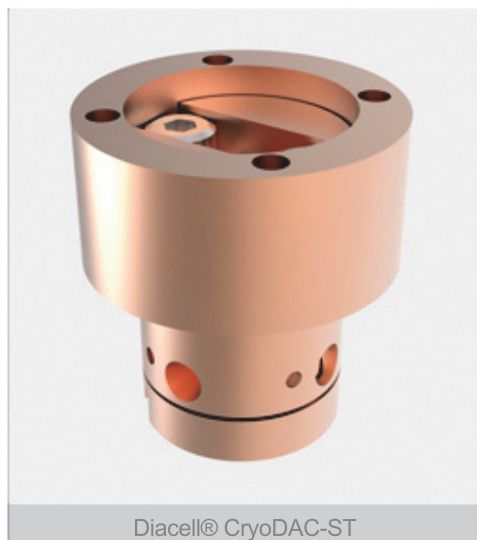


Products



Diacell® CryoDAC-ST

RELATED PRODUCTS:

- Diacell® ST-DAC System
- Bohler microDriller
- Optiprex PLS
- Diamond Anvils

RELATED ACCESSORIES:

- Gasket Blanks
- Ruby Powder and Spheres
- Support Plates

Diacell® CryoDAC-ST

Diamond anvil cell for low temperature micro-spectroscopy applications.

Part of the Diacell® CryoDAC Series.

- ▶ The Diacell® CryoDAC-ST has been engineered to fit seamlessly into sample holder of the Janis ST-500 cryostat.
- ▶ The height of this DAC and the very short working distance ensure that the sample is located very close to the observing top window of the cryostat.
- ▶ The cell was originally designed for micro-Raman measurements, but it is also suitable for any other micro-spectroscopy techniques.
- ▶ The Diacell® ST-DAC System is the turn-key version including both this DAC and the Janis cryostat.
- ▶ The Diacell® CryoDAC-ST has a numerical aperture of 0.44 and it enables electrical work via its side ports.
- ▶ Maximum pressures of up to above 30 GPa may be obtained with the Diacell® CryoDAC-ST.

Technical Specifications:

Cell Material	Beryllium Copper Alloy
Anvil Seat (support plate)	Beryllium Copper Alloy
Pressure Mechanism	Screw Drive
Top Angle	52° Along Vertical Axis
Bottom Angle	17° Along Vertical Axis
DAC Diameter	25 mm increasing to 32mm
DAC Height	37 mm
Working Distance to Sample	8.5 mm

Specifications subject to change without prior notice.
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