

easyLab Technologies Ltd
Science & Technology Centre
University of Reading, Earley Gate
Whiteknights Rd, Reading, RG6 6BZ, UK

phone: +44 (0)118 935 7272
fax: +44 (0)118 935 7271
email: info@easyLab.co.uk

Sales: sales@easyLab.co.uk
Support: support@easyLab.co.uk

Science Under Pressure

products



RELATED PRODUCTS:

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

RELATED ACCESSORIES:

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



Diacell® CryoDAC-ST

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

- ▶ The Diacell® CryoDAC-ST has been engineered to fit seamlessly onto the sample mount of the Janis ST-500.
- ▶ The cell was originally designed for micro-Raman work, but it is also suitable for a range of other micro-spectroscopy techniques, such as, imaging and high resolution photoluminescence under high pressure.
- ▶ Provisions have also been made to enable electrical work.
- ▶ Maximum pressures of up to above 20 GPa are obtained.

Technical Specifications:

Cell Material	Beryllium Copper Alloy
Anvil 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
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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