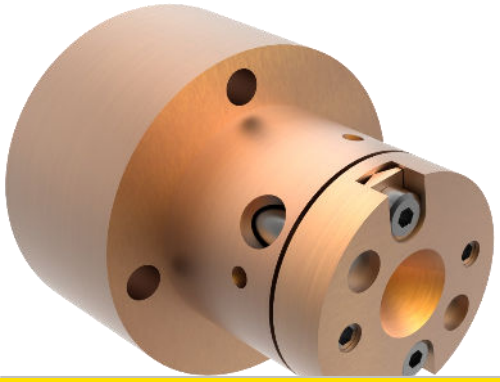
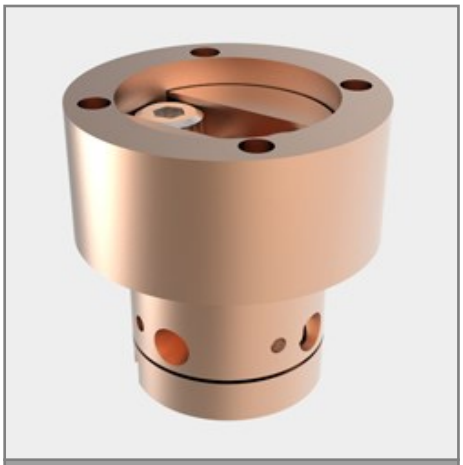


Almax·easyLab
science under pressure

Products



Diacell® CryoDAC-ST

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 onto the 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 CryoDAC-ST and the Janis ST-500 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 Diacell® CryoDAC-ST.

RELATED PRODUCTS:

- Diacell® CryoDAC-LT
- Diacell® ST-DAC System
- Optiprexx Ruby Line
- Boehler µDriller

RELATED ACCESSORIES:

- Diacell® Design 2.5 mm Anvils
- BeCu Anvils Rings
- BeCu 5 mm Gasket Blanks
- Ruby Powder
- Gasket Indenter

Technical Specifications:

Cell Material	Beryllium Copper Alloy
Anvil Support Plate	Beryllium Copper Alloy
Pressure Mechanism	Screw Drive
Maximum Pressure	30 GPa
Top/Bottom Angles	52° / 16° along vertical axis
DAC Diameter / Height	21 mm increasing to 32 mm / 34 mm
Working Distance to Sample	8.5 mm
Numerical Aperture	0.44

Specifications subject to change without prior notice.
easyLab and Diacell are registered trademarks of Almax easyLab

www.almax-easyLab.com

Almax easyLab bv
Wagenmakerijstraat 5
8600 Diksmuide
Belgium
Ph: +32 51 55 56 37

Almax easyLab Inc
Harvard Square -1, Mifflin Place
Cambridge, MA 02138
United States of America
Ph: + 1 617 701 7245

© Almax easyLab 2025
All rights reserved
Ref: ML13_14 Rev 3