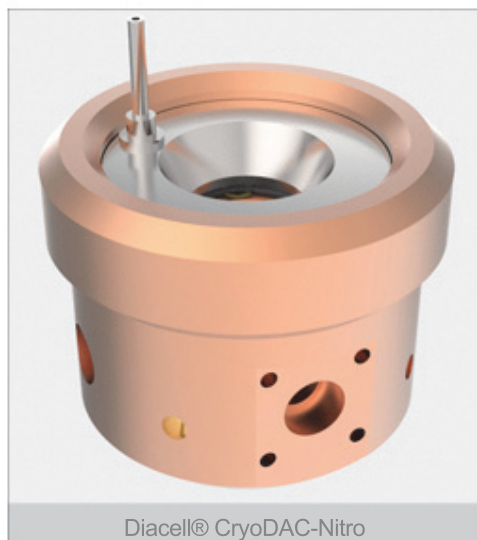


Products



Diacell® CryoDAC-Nitro

RELATED PRODUCTS:

- Diacell® CCS-DAC System
- Bohler microDriller
- Diacell® GM Controller
- Diacell® iGM Controller
- Optiprex PLS
- Diamond Anvils

RELATED ACCESSORIES:

- Gasket Blanks
- Ruby Powder and Spheres
- Support Plates

Diacell® CryoDAC-Nitro

Gas membrane diamond anvil cell for low temperature applications.

Part of the Diacell® CryoDAC Series.

- ▶ The Diacell® CryoDAC-Nitro particularly suited for mounting in a cryostat where the radial space is reduced and yet it still offers the advantage of the gas membrane to enable the change of pressure at low temperatures.
- ▶ This cell can also fit many other cryostats of bath, top-loading or closed-cycle types.
- ▶ The Diacell® CryoDAC-Nitro can be supplied with a custom-made interface block to suit the cryostat.
- ▶ Being gas membrane driven means that pressure within the CryoDAC-Nitro can be changed whilst the sample is at low temperatures, saving considerable time.
- ▶ Maximum pressures of up to above 50 GPa may be obtained with the Diacell® CryoDAC-Nitro.

Technical Specifications:

Cell Material	Beryllium Copper Alloy
Anvil Seat (support plate)	Beryllium Copper Alloy
Pressure Mechanism	Gas membrane
Top Angle	52° Conical
Bottom Angle	52° Conical
DAC Diameter	38 mm
DAC Height	29 mm
Working Distance to Sample	10 mm

Specifications subject to change without prior notice.
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