

Products



Diacell® LN2-DAC System

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- Diacell® PT-DAC System
- Diacell® ST-DAC System
- Diacell® CryoDAC-Nitro
- Diacell® iGM Controller
- Diacell® GM Controller
- Optiprex Ruby Lux
- Optiprex PLS

RELATED ACCESSORIES:

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- Ruby Powder and spheres
- Support Plates

Diacell® LN2-DAC System

A liquid nitrogen bath cryostat with integrated high pressure diamond anvil cell.

- ▶ The Diacell® LN2-DAC enables experiments up to 50 GPa and down to temperatures of the order of 77 K.
- ▶ The system combines and fully integrates the Diacell® CryoDAC-Nitro to a liquid nitrogen bath cryostat.
- ▶ The key advantages of the Diacell® LN2-DAC are its simplicity and cost effectiveness.
- ▶ Four quartz windows are supplied as standard.
- ▶ Pressure can be changed in the cell whilst cold, since the CryoDACNitro is gas membrane driven.
- ▶ Options: an integrated Optiprex system for ruby fluorescence and a temperature controller.

Technical Specifications:

Cryostat	Liquid nitrogen bath
Temperature Range	77 K
Diamond Anvil Cell	Diacell® CryoDAC-Nitro
Pressure Mechanism	Gas membrane
DAC Top Angle	Optical 52° conical
DAC Bottom Angle	Optical 52° conical
DAC Diameter	38 mm
DAC Height	29 mm

Specifications subject to change without prior notice.
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