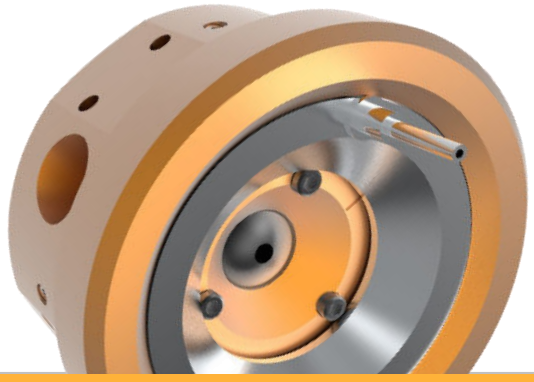


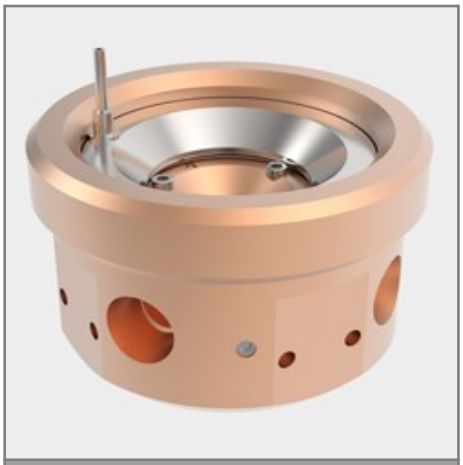
Almax·easyLab
science under pressure

Products

Diacell® Bragg-LT(G) and Bragg-LT(G) *Plus*

Gas membrane diamond anvil cell (DAC) for X-ray applications. Part of the Diacell® Bragg Series.

- The Diacell® Bragg-LT(G) is the ideal DAC for X-ray experiments at low temperatures;
- The large angle apertures enable diffraction studies with high transmission factor and very low background;
- The Diacell® Bragg-LT(G) *Plus* also lends itself to optical experiments at high pressures and low temperatures;
- Being a gas membrane driven means that pressure within either cell can be changed whilst the sample is at low temperatures, saving considerable time;
- Both DACs can be supplied already integrated to cryostats;
- Maximum pressures of up to above 100 GPa may be obtained with the Diacell® Bragg-LT(G) and the Diacell® Bragg-LT(G) *Plus*.



Diacell® Bragg-LT(G)/LT(G) *Plus*

RELATED PRODUCTS:

- Diacell® CCS-DAC System
- Diacell® PT-DAC System
- Diacell® Bragg-LT(S)/LT(S) *Plus*
- Boehler µDriller
- uDrill Pro
- Diacell® iGM Controller
- Optiprexx Ruby Line

RELATED ACCESSORIES:

- Diacell® Design 2.5 mm Anvils
- Boehler-Almax Design 3.3 mm Anvils
- BeCu 10 mm Gasket Blanks
- Ruby Powder
- Anvil Support Plates
- Gasket Indenter
- Gas Membrane
- Diacell® easyGlue
- Diacell® Horizon
- Diacell® Cryogenic Loader

Technical Specifications:

Anvil Design Option	Diacell Design	Boehler– Almax Design (*Plus*)
Cell Material	Beryllium Copper Alloy	Beryllium Copper Alloy
Anvil Support Plate	Beryllium	Tungsten carbide
Maximum Pressure	>100 GPa	>100 GPa
Top/Bottom Angles	X-ray: Conical 90°	X-ray: Conical 85°
DAC Diameter / Height	53 mm / 32 mm	53 mm / 32 mm
Working Distance to Sample	14 mm	14 mm
Numerical Aperture	0.70	0.67

Specifications subject to change without prior notice.
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