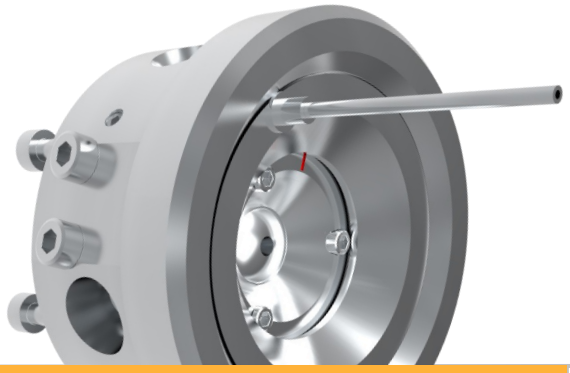

Almax·easyLab
science under pressure

Products

Diacell® Bragg-(G)/(G) *Plus*

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

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

- The Diacell® Bragg-(G) is the ideal DAC for X-ray experiments. The Diacell® Bragg-(G) *Plus,* which uses conical Boehler-Almax anvils, makes this cell the true benchmark for high pressure X-ray studies ;
- The large angle apertures enable diffraction work with high transmission factor and very low background;
- The Diacell® Bragg-(G) *Plus* also lends itself to optical experiments at high pressures;
- Being a gas membrane driven means that pressure within either cell can be changed whilst the sample is mounted on the X-ray stage, saving considerable time;
- Maximum pressures of up to above 100 GPa may be obtained with the Diacell® Bragg-(G) and the Diacell® Bragg-(G) *Plus*.

RELATED PRODUCTS:

- Diacell® Bragg-LT(G)/LT(G) *Plus*
- Diacell® Bragg-(S)/(S) *Plus*
- Boehler µDriller
- Diacell® GM Controller
- Diacell® iGM Controller
- Optiprexx Ruby Line

RELATED ACCESSORIES:

- Diacell® Design 2.5mm Diamond Anvils
- Boehler-Almax Design 3.3 mm Anvils
- Diacell® Bragg-(G) gearbox
- Stainless Steel 10mm Gasket Blanks
- Ruby Powder
- Anvil Support Plates
- Gasket Indenter
- Gas Membrane
- Diacell® easyGlue
- Diacell® Horizon

Technical Specifications:

Anvil Design Option	Diacell Design	Boehler– Almax Design (*Plus*)
Cell Material	Stainless steel AISI 440C	Stainless steel AISI 440C
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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www.almax-easyLab.com

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

Almax easyLab Inc (For US and Canada)
Harvard Square -1, Mifflin Place
Cambridge, MA 02138,
United States of America
Ph: + 1 617 701 7245

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