

**easyLab Technologies Ltd**  
Science & Technology Centre  
University of Reading, Earley Gate  
Whiteknights Rd, Reading, RG6 6BZ, UK

phone: +44 (0)118 935 7272  
fax: +44 (0)118 935 7271  
email: [info@easyLab.co.uk](mailto:info@easyLab.co.uk)

Sales: [sales@easyLab.co.uk](mailto:sales@easyLab.co.uk)  
Support: [support@easyLab.co.uk](mailto:support@easyLab.co.uk)

Science Under Pressure

## products



Diacell Bragg-(G)

### RELATED PRODUCTS:

- Diacell Bragg-LT(G)
- Diacell Bragg-LT(S)
- Diacell Bragg-(S)

### RELATED ACCESSORIES:

- Anvil Jigs
- Diamond Anvils
- Gasket Blanks
- Support Plates

## Diacell® Bragg-(G)

Gas Membrane DAC for X-ray Applications  
Part of the Diacell Bragg series

Formerly Diacell DXR-GM

- ▶ The Diacell® Bragg-(G) is the gas membrane version of the Diacell® Bragg-(S) and both share the same X-ray transmission characteristics.
- ▶ Gas membrane drive enables small incremental loads, remote operation and achievement of higher pressures.
- ▶ The cell is suitable for use on diffractometers and most other types of X-Ray equipment (standard or synchrotron).
- ▶ The diamond anvils are mounted on high-strength Be support plates which permit access over 90° of 2θ from both front and back of the cell.
- ▶ A low temperature version made of BeCu alloy is also available: Diacell® Bragg-LT(G).

### Technical Specifications:

Cell Material	AISI 440C
Anvil Support Plate	Beryllium
Pressure Mechanism	(G) - Gas Membrane
Top Angle	X-Ray, Conical 90°
Bottom Angle	X-Ray, Conical 90°
Lateral Access	24° of 2θ is accessible
DAC Diameter	57 mm
DAC Height	32 mm
Working Dist. to Sample	14 mm

Maximum pressure is dependent upon the culet size of the anvils. easyLab is committed to its policy of continuous improvement. Specifications may change without notice. easyLab and Diacell are registered trademarks of easyLab Technologies Ltd.

