

**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



### RELATED PRODUCTS:

- Diacell OmniDAC-LT
- Optiprex PLS

### RELATED ACCESSORIES:

- Anvil Jigs
- Diamond Anvils
- Gas Membranes
- Gasket Blanks
- Heaters
- Ruby Powder
- Support Plates



## Diacell® OmniDAC™

Gas Membrane Driven DAC for Optical and X-ray Applications

Part of the Diacell® OmniDAC™ Series

[Formerly WCM-7]

- ▶ The Diacell® OmniDAC™ is designed for both X-ray diffraction and optical studies taking advantage of the gas membrane drive mechanism and extended lateral sight holes.
- ▶ The extended lateral sight holes allow the observation of scatter at directions normal to the cell axis.
- ▶ High pressure is applied via the gas membrane drive mechanism (requires GM Controller).
- ▶ An internal ring heater, enabling experiments up to 600°C, is also available for this cell.
- ▶ The Diacell® OmniDAC™ is delivered fully aligned and ready for use.

### Technical Specifications:

Cell Material	AISI 440C
Anvil Support Plate	Tungsten Carbide
Pressure Mechanism	Gas Membrane Drive
Top Angle	Conical 50°
Bottom Angle	Conical 50°
Lateral Access	16° of 2θ Accessible
DAC Diameter	57 mm
Working Dist. to Sample	12 mm

Specifications subject to change without prior notice.

easyLab and Diacell are registered trademarks of easyLab Technologies Ltd.