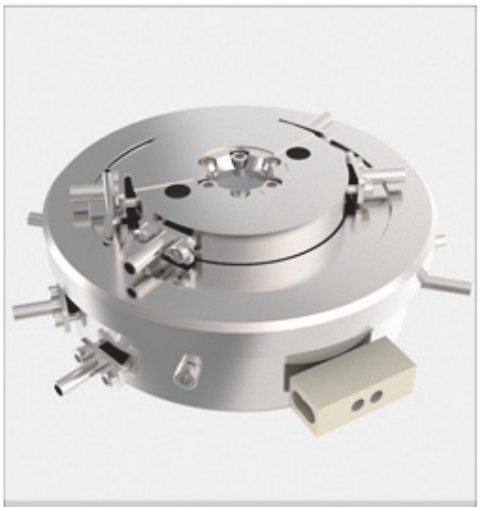
Almax·easyLab
science under pressure

Products



Diacell® µScopeDAC-HT(G)

RELATED PRODUCTS:

- Diacell® µScopeDAC-HT(S)
- Diacell® µScopeDAC-RT(G)
- Boehler microDriller
- Diacell® GM Controller
- Diacell® iGM Controller
- Optiprexx PLS
- Diamond Anvils

RELATED ACCESSORIES:

- Gas Membranes
- Gasket Blanks
- Heaters
- Ruby Powder and Spheres
- Support Plates

Diacell® µScopeDAC-HT(G)

Gas membrane diamond anvil cell for high-temperature microspectroscopy studies.
Part of the Diacell® µScopeDAC series.

► The Diacell® µScopeDAC-HT(G) meets the need for very high pressures, compatibility with commercially available spectroscopic microscopes and high temperatures.

► This cell is ideal for optical work in FTIR and Raman microscopes.

► An internal gasket heater enables research up to 600ºC. Water cooling ports are also present.

► The µScopeDAC-HT(G) has a numerical aperture of 0.44.

► Being gas membrane driven means that pressure within the cell can be changed whilst the sample is mounted in the microscope stage, saving considerable time.

► Maximum pressures of up to above 50 GPa are obtained with the Diacell® µScopeDAC-HT(G).

Technical Specifications:

Cell Material	AISI 400C
Anvil Seat (support plate)	Tungsten Carbide
Pressure Mechanism	Gas membrane
Top Angle	52º Conical
Bottom Angle	52º Conical
DAC Diameter	60 mm
DAC Height	25 mm
Working Distance to Sample	12 mm

Specifications subject to change without prior notice.
easyLab and Diacell are registered trademarks of Almax easyLab Ltd.

www.almax-easyLab.com

For US, Canada and Latin America
Almax easyLab Inc.
485 Massachusetts Avenue
Suite 300
Cambridge, MA 02139-4018
USA
Ph: +1 857 445 0045

For Europe, Middle East and Africa
Almax easyLab bvba
Wagenmakerijstraat 5
8600 Diksmuide

Belgium
Ph: + 32 51 55 56 37

For Asia and Oceania
Almax easyLab Ltd
Science and Technology Centre
University of Reading
Whiteknights Road
Reading, RG6 6BZ, UK
Ph: +44 (0)118 935 7272

THE BRITISH ASSESSMENT BUREAU
ISO9001
Certification No. 180384

ML13_24