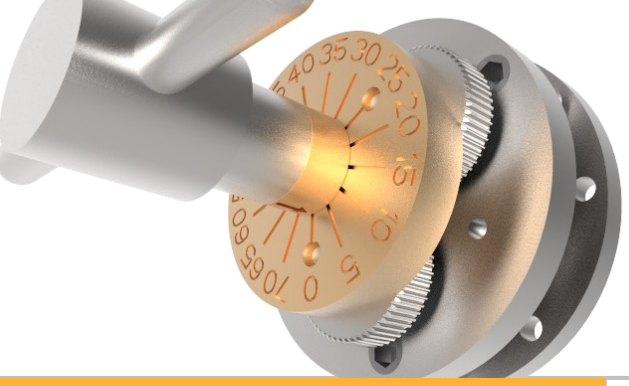

Almax·easyLab
science under pressure

Products

Boehler–Almax PlateDAC

Boehler-Almax PlateDAC

Screw-driven diamond anvil cell (DAC) for X-ray applications.

- The Boehler-Almax PlateDAC is based on the innovative design of R. Boehler and employs conical Boehler- Almax anvils supported by tungsten carbide seats as standard;
- This cell is particularly well suited for X-ray experiments as it enables diffraction measurements with high transmission factor and very low background;
- Two kinematically– mounted steel plates are elastically deflected with the use of a driving gearbox. This symmetrical deflection generates the required pressures;
- A gas membrane adaptor kit is available for the Boehler- Almax PlateDAC. In addition, a Huber goniometer head is also available for this gas membrane adaptor;
- Maximum pressure of up to above 100 GPa are enabled by the Boehler-Almax PlateDAC.
- Available at www.diamondANVILS.com

RELATED PRODUCTS:

- Diacell® Bragg- (S)
- Diacell® Bragg- (G)
- Diacell® PanoramicDAC
- Boehler µDriller
- Optiprexx Ruby Line

RELATED ACCESSORIES:

- Ruby Powder
- Boehler-Almax Design 3.3 mm Anvils
- Anvil Support Plates
- Gasket Blanks
- Gasket Indenter
- Gas Membrane Upgrading Kit
- Diacell® easyGlue
- Diacell® Horizon

Technical Specifications:

Cell Material	Vascomax 300
Anvil Support Plate	Tungsten carbide
Pressure Mechanism	Screw– driven
Maximum Pressure	>100 GPa
Top/Bottom Angles	X-ray: 85° Conical
DAC Diameter / Height	49 mm / 21 mm
Working Distance to Sample	10.5 mm
Numerical Aperture	0.68

Specifications subject to change without prior notice.
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