



## Products



### RELATED PRODUCTS:

- Diacell® LeverDAC-Maxi
- Diacell® LeverDAC-Mega
- Böhler  $\mu$ Driller
- Optiprex Ruby Line
- Diamond Anvils

### RELATED ACCESSORIES:

- Diacell® Design 2.5 mm Anvils
- Stainless Steel 2.5 mm Anvils Rings
- Stainless Steel 5 mm Gasket Blanks
- Ruby Powder
- Support Plates
- Gasket Indenter

## Diacell® LeverDAC-Mini

Lever arm drive diamond anvil cell for optical work.

Part of the Diacell® LeverDAC Series.

- ◆ The Diacell® LeverDAC-Mini is based on a leverage mechanism designed to bring the diamond anvils together. This is the original design of diamond anvil cells;
- ◆ The cell is specially suited for any high pressure optical studies. It has a numerical aperture of 0.44;
- ◆ The anvils are mounted mechanically by force fitting them into rings, which then are screwed to their seats. This is a unique feature of Diacell® Diamond Anvil Cells;
- ◆ The lever arm drive unit (length/width: 120 mm/64 mm) can be disconnected from the cell to facilitate interfacing to spectrometers;
- ◆ Maximum pressures of up to above 30 GPa may be obtained with the Diacell® LeverDAC-Mini.

### Technical Specifications:

Cell Material	Stainless Steel AISI 440C
Anvil Support Plate	Tool Steel - integrated
Pressure Mechanism	Lever Arm Drive
Maximum Pressure	30 GPa
Top/Bottom Angles	52° Conical
DAC Diameter / Height	26 mm / 24.5 mm
Working Distance to Sample	7 mm
Numerical Aperture	0.44

Specifications subject to change without prior notice.  
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