



DAC IR by Spring



Product Code: BRI-160

Diamond Anvil Cells are among the most powerful tools employed in High-Pressure research. They allow to attain static pressures up to several hundreds of kilobars by compression of small volume samples.

The DAC cell by screw flange is a direct drive pressure system which transmits force to the diamond anvil's seats to generate high pressure on the sample put in a hydrostatic volume. A single belleville spring allows the pressure control.

The force is generate by a key that works on the screw flange.

TECHNICAL DATA

PRESSURE DRIVER	Belleville Spring
BODY CELL MATERIAL	Stainless steel material and other on request
TOP ANGLE	Total angle max 56° on request
BOTTOM ANGLE	Total angle max 56° on request
MAX PRESSURE	Up to 20 GPa depends from culet dimension
DIMENSIONS	Diameter 60mm Height 18mm

HIGHLIGHT

Modular body cell

- Easy to align
- Good control of pressure by a dedicate key
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