LIQUID BATHS

Immersion Container with Compression Platens

Acrylic immersion container with 96 mm compression platens for tests in fluid



OVERVIEW

An immersion container for compression tests on specimens submerged in a fluid. Stainless steel compression platens of 96 mm diameter sit inside a clear acrylic cylinder 130 mm in diameter and 250 mm high, loaded through pull rods from the testing machine. The setup is rated to 5 kN and up to +120 °C.

KEY FEATURES

- Stainless steel compression platens of Ø 96 mm
- Clear acrylic container, Ø 130 × 250 mm
- Pull rods transfer load into the fluid
- 5 kN maximum load capacity for compression in fluid
- Rated for use up to +120 °C
- Female clevis coupling for a Ø 20 mm pin

TECHNICAL SPECIFICATIONS

Max. load	5 kN
Test type	Compression in fluid
Platens	Ø 96 mm, stainless steel
Container	Ø 130 mm x 250 mm high, acrylic
Coupling	Female clevis, Ø 20 mm pin
Max. temperature	+120 °C
Material	Stainless steel, acrylic

APPLICATIONS

- Foams and sponges in fluid
- Biomaterials and hydrogels
- Elastomer seals
- Food products

Ordering & customization: Specify specimen size, test fluid and temperature, and the machine coupling.

Drawings available on request
Contact us for dimensional drawings or 3D models of this product.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-LB-050