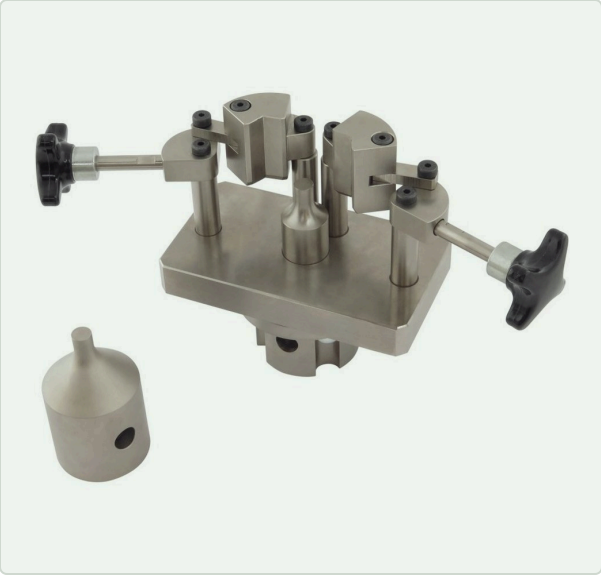
COMPRESSION PLATENS

Small Compression Platens with Foldable Guides

Small guided compression platens for compressive strength of advanced ceramics



OVERVIEW

Small compression platen set for monotonic compressive strength tests on advanced ceramic specimens at ambient temperature. Two foldable guide arms with V-shaped jaws center the specimen on the lower platen during setup and are swung clear before loading. Nickel-plated steel construction, built to ASTM C1424.

KEY FEATURES

- Built to ASTM C1424 compressive strength test
- Foldable guide arms center the specimen, then swing clear
- V-shaped guide jaws for cylindrical specimens
- Star-knob clamping allows quick, tool-free adjustment of the guides
- Small upper and lower platens matched to ceramic specimens
- Nickel-plated steel construction for wear and corrosion resistance

TECHNICAL SPECIFICATIONS

Test type	Compression
Specimen	Small ceramic cylinders
Guides	2 foldable arms with V-jaws
Material	Steel, nickel-plated
Temperature range	Ambient
Max. load	On request
Coupling	On request

APPLICATIONS

- Advanced technical ceramics
- Ceramic material development
- Armor and wear ceramics
- Research laboratories

STANDARDS ASTM C1424

Ordering & customization: Specify specimen diameter and length, maximum test load and 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-CP-150