COMPRESSION PLATENS

Heated Compression Platen 280 °C

Electrically heated Ø 150 mm compression platen for tests up to 280 °C



OVERVIEW

Heated compression platen with a 150 mm diameter loading face for compression tests at elevated temperature without a full environmental chamber. The platen is heated to a set temperature of up to 280 °C by a separate controller and is rated to 20 kN. Suitable for plastics, elastomers, adhesives, composites and other materials whose compressive behavior depends on temperature.

KEY FEATURES

- Heats the specimen directly through the platen, up to 280 °C
- Ø 150 mm loading face, rated to 20 kN
- Separate digital temperature controller with setpoint and actual value display
- Perforated stainless steel guard around the heated platen
- Mounts on the testing machine like a standard compression platen

TECHNICAL SPECIFICATIONS

Max. load	20 kN
Test type	Compression at elevated temperature
Platen diameter	150 mm
Temperature range	Ambient to +280 °C
Heating	Electric, with external temperature controller
Material	Steel platen, stainless steel guard
Coupling	On request
Power supply	On request

APPLICATIONS

- Thermoplastics and elastomers
- Adhesives and sealants
- Composite and molded parts
- Temperature-dependent compression tests

Ordering & customization: Specify the machine coupling, required maximum temperature, and the supply voltage for the temperature controller.

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-030