



Creep Tester According to ASTM D6992-400kgf-500mm travel-Sample as per ASTM638-II

Description

- Test specimen geometry: ASTM D638 Type II //
- Maximum specimen thickness suitable for grips: 10 mm //
- Temperature-controlled test chamber: up to 80 °C //
- Maximum moving-grip travel: 500 mm //
- Temperature chamber internal height: suitable for the full 500 mm moving-grip travel with an ASTM D638 Type II specimen and the supplied grips installed //
- Load cell capacity: 500 kgf (lower-capacity load cells are available as optional accessories) //
- Force application system: pneumatic cylinder with 100 mm piston diameter //
- Required compressed-air supply pressure: 6 bar //
- Closed-loop servo-controlled pneumatic pressure regulation system with Japanese-made control components //
- Continuous force and displacement monitoring during the test //
- Displacement measurement: moving-grip displacement measured by a linear transducer //
- For direct and precise strain measurement over the specimen gauge length, a video extensometer is available as an optional accessory //
- Programmable automatic temperature stepping controlled through the software //
- Temperature-Time program: up to 10 programmable steps //
- Automatic creep modulus calculation in accordance with ASTM D6992 //
- Automatic creep-rupture analysis and calculation in accordance with ASTM D6992 //
- Wedge grips included //
- Specimen preparation equipment available as optional accessories //
- Test and analysis software included //
- Software license dongle included with the machine //
- Computer available as an optional accessory //
- Compressed-air supply to be provided by the customer at the installation site //