Static testing machine – tensile/compression force testing machine with temperature chamber Zwick Roell

Technical data

- Static load   50 kN
- Traversing speed   0.0005
  up to 110 % of the test force   up to
  (vmin to vNom)   600 mm/min
- Test area height   1325 mm
- Temperature chamber   -70 to 250° C

Measuring configuration

- Measured value transmission rate   500 Hz
- Precision class   1
- Automatic zero point correction
- VideoXtens Array: Visual field / resolution from 54 mm/0.27 µm to 515 mm/2.6 µm
  Simultaneous measurement of lengthways and transverse stretching
  Two-dimensional measurement with 2D point matrix

Fields of use / applications

- Static tensile and compressive testing
- Use of high test speed range without restrictions
- Two test areas, flexible sample and test tool holding system
- Use of the VideoXtens array in the temperature chamber, including in all temperature ranges

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