

HT is a high-temperature optical extensometer. It uses advanced digital image correlation for precise analysis of thermomechanical and thermophysical properties. The HT hardware device is presently the most Xsighting device for high-temperature strain measurement up to 1400 °C.

HT combines high-precision measurement with a user-friendly graphic interface so that the user can fully focus on the experiment during uniaxial or biaxial tensile, compression, and shear testing.

HT is suited not only for measurement using furnaces but for any application which requires high-precision reading over a small field of view.



Specification

- Field of View: 47 × 41 mm
- Resolution ISO 9513: Class 0.5
- ASTME 83: Class A (GL > 15 mm)
- Gauge Length: Selectable single or multiple GLs
- Sampling rate: 75 - 200 Hz
- Axial and radial neck detection
- Lighting: Auto-switching monochromatic light

Working Distance
262mm ± 2%

