high temp comparison by: furnace type

Standard measuring ranges

🗹 Can be left on through specimen failure

Suitable for use on most engineering materials

High temperature extensometers for axial tensile, compression and some cyclic testing. Standard gauge lengths from 0.5 to 2 inches. • Up to 1200 °C (2200 °F) • Up to 1600 °C (2900 °F) • Designed for in chamber operation • Up to 1600 °C (2900 °F) capacitive model • Measuring ranges from 5% to >50% • For applications requiring ±0.10 inches • For applications requiring greater than • Up to 600°C (1100°F) capacitive model strain (depending on configuration) ±0.10 inches (±2.5 mm) full scale (±2.5 mm) full scale measuring range or • Measuring ranges from 5% up to measuring range less • Fan cooling available 125% strain • Easy gauge length conversion • Easy gauge length conversion • Self-supporting • Cyclic testing up to 100Hz Water cooled · Water cooled Hot mountable Hot mountable • No cooling required · Requires external mounting bracket • Requires external mounting bracket • Self-supporting LOW COST **NW STRAIN** 764 3648 354 **Environmental** Furnace Chamber 3580 7675 • High temperature capacitive sensor extensometer for diametral strain • High temperature extensometer for measurements at temperatures up (3 diametral strain measurements at to 600 °C (1000 °F) temperatures up to 1000 °C (1832 °F) • Designed for in chamber operation • 1200 °C option available • Measuring ranges from 0.05 to 0.1 inches • Measuring ranges from 0.020 to 0.2 (1.2 to 2.5 mm) inches (0.5 to 5 mm) • No cooling required • Water cooled • Self-supporting • Requires external mounting bracket