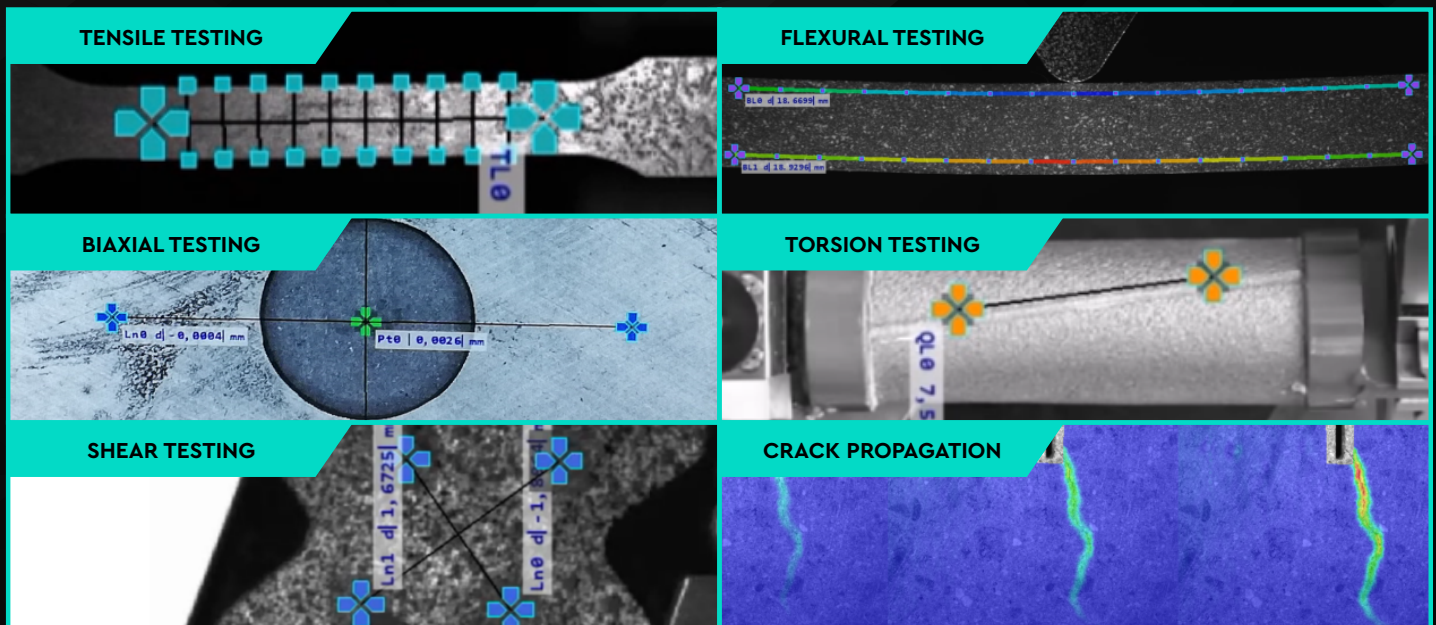


# VIDEO EXTENSOMETRY FOR MATERIAL TESTING

ISO9513 Compliant to Class 1 & Class 0.5 Accuracy

Applicable to High-Temperature and Climate-Chamber Measurements

## MATERIAL SAMPLE MEASUREMENTS



## SIMPLE VISUAL TOOLS FOR QUICK MEASUREMENT

### LINE



An elementary measuring probe for strain and length determination.

### EXTREME LINE



An advanced probe for axial neck detection. Provides an improved E-modulus reading and minimizes the occurrence of invalid tests caused by rupturing outside the gauge length area.

### TORSION LINE



Enables dual position angular twist and strain measurement.

### TRANS LINE



Offers a multi-positional transversal measurement with averaged and max/min width functions.

### BEND LINE



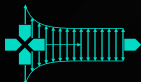
A probe designed to be used during bending tests. Measures strain over a curved shape and enables the visualization of the strain distribution in real-time.

### POINT



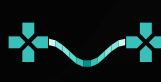
A basic measuring probe for displacement determination.

### CRACK PROBE



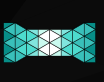
Measures a crack length during static or dynamic tests.

### LINE STRAIN DISTRIBUTION



Provides a colorful strain visualization feature during real-time measurement.

### DIC AREA



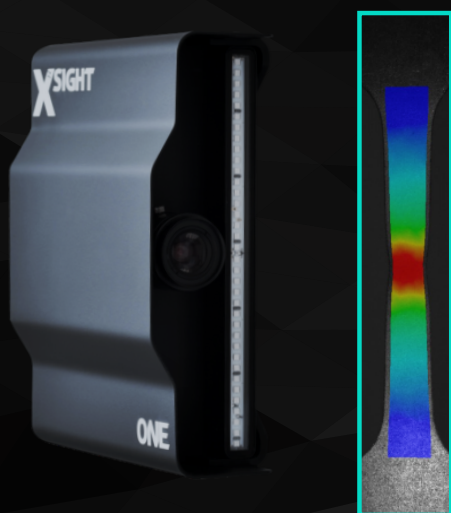
A full-field probe for strain and displacement distribution mapping.



## MATERIAL TESTING DEVICES

### ONE

Smart and easy. The compact video extensometer for static and quasi-static experiments. The devices are stackable. For longer specimen, two or three ONEs can be mounted next to or on top of each other.



### HT

HT is designed for high-temperature applications. Equipped with a telecentric lens and a high-resolution camera, it provides a very fine strain reading.



### STEREO ONE

A 3D-functionality enhancement of X-Sight's top-selling industrial measuring device provides the opportunity to measure specimens with complex geometry or specimens displaying large out-of-plane displacement during testing.



### ROD

ROD is specially optimized for tensile testing of reinforcing steel. The advanced functionality of the Alpha software allows to measure specimen with an oxide or rust layer, falling off significantly, making the use of standard video extensometers almost impossible.

