

ROD is a rugged and easy-to-use video extensometer optimized for tensile testing of reinforcing steel.

The unique ITT functionality of the Alpha software allows for measurement of specimen with an oxide or rust layer, falling off significantly, making the use of standard video extensometers almost impossible.

The ROD measuring system is aimed at being as simple and precise as possible in terms of minimal requirements for specimen preparation and calibration.

Specification

- ▶ 2 × 2.3 MPx industrial cameras
- ▶ Lighting: 500 mm LED light
- ▶ Field of view: 550 × 100 mm
- ▶ Sampling rate: > 40 Hz
- ▶ USB relay for light control
- ▶ Weight: approx. 3.5 kg
- ▶ Dimensions: 560 × 210 × 90 mm
- ▶ Power supply: 24 V 1A – 500 mm
- ▶ Dustproof housing
- ▶ Fixed working distance (approx. 560 mm)
- ▶ Length of USB3 cable: 4.5 m outside the camera box
- ▶ Connection: 2 × USB 3.0; 1 × USB 2.0; RJ45
- ▶ Alpha software equipped with ITT (Intelligent Tensile Testing feature)
- ▶ Complies with ISO 9513: Class 1
- ▶ Complies with ASTM E83-10a B1 for L0 > 25 mm

