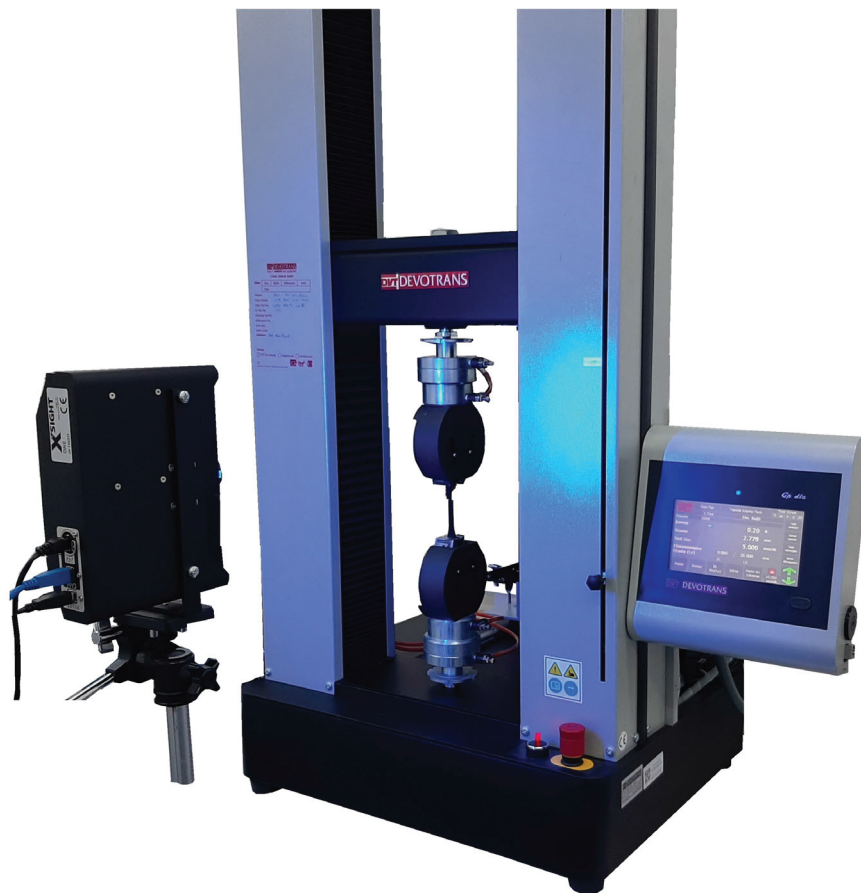


DVT UZM V1

VIDEO-EXTENSOMETER



USED TO CONDUCT HIGH-PRECISION
MEASUREMENT OF EXTENSION

DVT UZM V1

TECHNICAL SPECIFICATIONS

Used to optically measure the extension (longitudinal or lateral) of samples during tests conducted on materials with Tensile/Compression testers.

SOME OF THE TESTS CAN BE APPLIED

- Tensile, compression.
- Incline measurement
- Torsion measurement
- Transversal edge detection
- Crack length measurement
- A fragmenting surface measurement

MATERIALS THAT CAN BE TESTED

- Plastic.
- Rubber.
- Textile.

APPROXIMATE DIMENSIONS AND WEIGHT

- Width: 56 cm.
- Depth : 21 cm.
- Height: 9 cm.
- Weight: 3.5 kg



TECHNICAL INFORMATION

- Lens and LED light.
- Automatic light ON/OFF.
- Axial or Transversal software.
- Measurement grid.
- Easy assemblage.
- Multi-mode camera.
- Video extensometer for high temperatures (HT) up to 1400 degree. It can be used for single- or double-axis tensile, compression and tearing tests.
- For dynamic tests such as fatigue tests.
- Dust-proof body (Used for tensile tests that cause fragment falls in reinforced concrete steel).

Software features

- User-friendly, sophisticated.
- Simultaneous multi-probe measurement.
- Easy calibration.
- Digital display correlation.

Video extensometer set content:

- Video extensometer box.
- 24 V 1A power supply.
- USB3 cable for camera connection.
- USB2 cable for light control.
- Ethernet cable for power inlet.

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