

## UTM Accessories

**Extensometer :** This instrument is to be used on Tensile or Universal Testing Machines to find out values of “PROOF STRESS”, “YOUNG MODULUS” & “Materials strain-related properties” **Mech Extensometer :**



Model	FXT-3
Measuring range	3mm
Resolution	0.01 mm
Gauge lengths	30 to 120mm adjustable

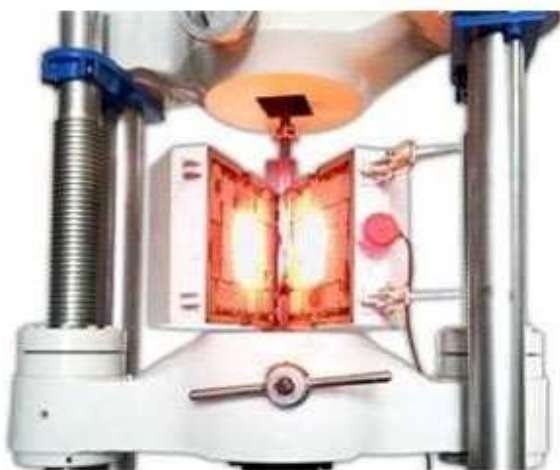
Model	T EE
The measuring range	3mm
Resolution	0.001 mm.
Standard two fixed gauge lengths of 25 & 50 mm	
The measurement accuracy satisfies all requirements of “Class -1 as per IS 12872-1990	

### Electronics Extensometer :



### Long travel extensometer :

Gauge length	600 mm max
Resolution	0.01 mm



### HOT Chamber :

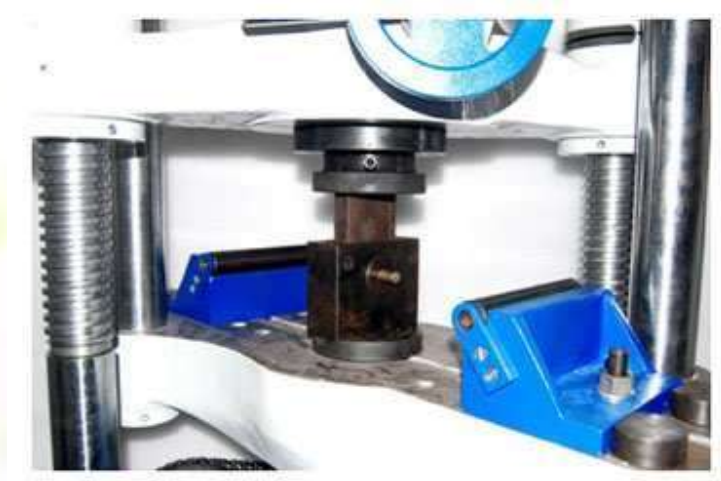
Hot Chamber assembly with UTM is supplied as an extra accessory to check tensile strength-related parameters of the samples at hot conditions.

**Technical Specification :**

1	Temperature Range	300° to 1200° C
2	Max Gauge length of the sample in hot Chamber	100 mm
3	Main Supply	230V, AC, 50 Hz, 16 amp
4	Max. Current	30 amp
5	Sample holding dia for small samples	M20, M12

**Small double shear /Big Double Shear :**

- Small double shear test with 5 sets of bushes for shear test of Dia 5, 8, 12, 16 & 20 mm.
- Big double shear test with 5 sets of bushes for shear test of Dia 25, 30, 35 & 40 mm.

**Tensile test attachment for a shouldered and threaded specimen :**

1. Bare Attachment
2. 1 Set of 8 split bushes with springs for Dia 6, 8, 10, 12, 14, 16, 18 & 20 mm shouldered specimen (size in mm)
3. 1 Set of 6 threaded bushes for M 6, M 8, M 12, M 14, M 18 & M 20 threaded specimen

**180° Bend test attachment :****Technical Specification :**

1. Dia of bending support rollers – 30 mm
2. Width of bending support rollers – 60 mm
3. Max. distance between bending supports – 175 mm
4. Min. distance between bending supports – 15 mm
5. Dia of bending pane pin – 30 mm
6. The attachment meets the requirement of IS-1599-1976 & IS 692-1974

**Bend Re-bend :**

Bend Re-bend test attachment as per BS 4449 - 1997 for Bar upto 40 mm dia bending tools of dia 16, 20, 24, 32, 40, 50, 60, 64, 80, 140, 175, 240, 280 & 320 mm



**Nut Bolt Testing Fixture :**

Nut Bolt Testing Fixture as per IS 1367 Part 3 & 6 suitable for testing of Nuts & bolts from size M 6 to M 33



**Wire Rope :**

Wire rope tensile test attachment for wire rope upto 10 mm dia.

**Grips for Strand wire :**

Special Jaw Set & Inserts for Strand Wire suitable for Dia 6.35mm, dia 7.95mm, dia 9.5mm, dia 11.1mm, dia 12.7mm , dia 15.2mm



# HSMLE