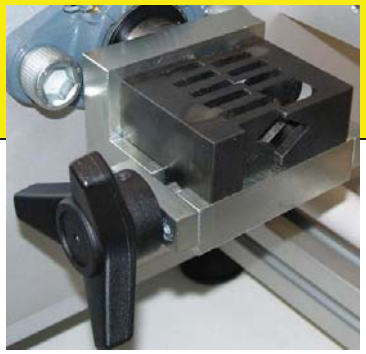
TORSION METER mod. TOR

TEST PROCEDURE: A copper or aluminum flat wire should be inserted between one rotating mandrel and another one that could be displaced axially with a specified tensioning weight applied. The rotating mandrel shall rotate at a speed between 2 and 6 RPM, till to reach the prescribed number of torsions. The sample wire shall then be examined for enamel flexibility and for adhesion of the enamel.

- Suitable for copper and aluminum flat wire having dimensions from 3,0 x 5,0 mm up to 20 x 6,0 mm.
- Load cell with linear servo-actuator for sample tensioning up to 2,5KN, resolution 1N, which eliminate to apply heavy load weights.
- HMI controller to set and visualize the loading weight applied to the specimen, test speed and number of torsions.
- Rotating mandrel drive by worm gear-motor with digital inverter, speed from 2 up to 10 RPM.
- Number of torsions CW/CCW independently pre-selected up to 99.
- Sample length adjustable between 400 up to 500 mm.



TECHNICAL SPECIFICATIONS

Power supply	Dimensions	weight
230Vac 50/60 Hz single phase 650VA	w 1350 x d 610 x h 400 mm	45 kg 99,0 lb

OPZIONI: