



## Torsion Twist Tester for Quality Control Inspection Heavy Duty

The Torsion Twist Tester rotates a wire sample about its own center to test the wire for brittleness, inclusions, hidden seams and other flaws. Sjogren offers three different models for wire diameters ranging from .010" to .750" (0,2mm to 19mm).

### Features:

- Programmable counter with automatic forward and/or reverse capability
- 12 possible twisting programs with memory of the complete cycle
- Includes a digital display and positive holding chucks with replaceable jaws
- Interlocked guard to ensure operator safety

### Benefits:

- Safe, automatic operation
- Provides consistent output test results
- Meets ASTM Test Specifications E558 and A930

### Applications:

The Torsion Twist Tester is used whenever wire needs to be tested for brittleness, inclusions, hidden seams and other flaws.

- High carbon steel wire
- Copper and aluminum rod

### Specifications:

1/2 HP 220V; 10 Amp; 1 PH, 60Hz

### Input Range

.090" to .312" (2,3mm to 8,0mm)

### Max. Material Tensile Strength

450,000 PSI (3100 Mpa)  
or with extended capacity up to  
.375" (9,5mm) dia. material at  
220,000 PSI (1860 Mpa)

### Sample Length Capacity

6" to 24" (150mm to 610mm)

### Max. Operating Speed

30 RPM

### Machine Dimensions

56" wide x 27" deep x 50" high  
(1,422mm x 685mm x 1,270mm)  
Working height to the centerline of  
wire is 39" (1000mm)

