

WT3-200 WIRE TERMINAL PULL TESTER

When the strength of a wire terminal is critical to your manufacturing or field installation work, the Mark-10 WT3-200 is the tester to keep on the bench or in your truck. This handy device measures the force it takes to pull a terminal off of the end of a wire with a diameter of up to 1/4". A terminal attachment plate holds the eye-terminal while a lever grabs the wire and pulls against the secured terminal, producing up to 200 lbF (1,000 N) of force. The force gauge reads the real-time and peak force required to break the terminal loose, and can store up to 1,000 readings for output to your PC. Programmable set points make simple "pass/fail" measurements easy. The WT3-200 also works well for testing the pull-off force required to dislodge a terminal or cap on the end of a tube. The device has mounting holes for bench mounting, and an optional carrying case is available for protection in the field. To secure the end of your test sample, choose either the ring terminal fixture (shaft sizes 1/8" to 3/8"), or a blank terminal fixture you can machine for your own custom needs.

- **REAL-TIME AND PEAK FORCE MEASUREMENTS UP TO 200 LBF (1,000 N)**
- **TERMINAL FIXTURE SUITS WIRES/TUBES UP TO 0.25 INCHES IN DIAMETER**
- **ANALOG AND DIGITAL OUTPUTS FOR CONNECTION TO YOUR PC OR OTHER DEVICES**
- **PROGRAMMABLE SET POINTS FOR "PASS/FAIL" TESTS**
- **1,000 TEST-POINT MEMORY**
- **HIGH-SPEED 7,000 HZ SAMPLING RATE**

WIRE PULL TESTERS

COOPER INSTRUMENTS & SYSTEMS

SPECIFICATIONS

FORCE RANGE:	200 lbF (1,000 N)
ACCURACY:	± 0.2% of full scale
WIRE DIAMETER RANGE:	AWG 30 – AWG 3 (0.02 – 0.25 in)
MINIMUM SAMPLE LENGTH:	7.5 in (191.0 mm)
MAXIMUM STRETCH:	1.15 in (29.2 mm)
POWER:	AC or rechargeable battery
BATTERY LIFE:	Backlight on: 7 hrs Backlight off: 24 hrs

ORDERING INFORMATION

Model	Description
WT3-200	Wire terminal tester (USA version)
Optional Items	
WT3001	Carrying case
WT3002	Ring terminal fixture
WT3003	Machinable, blank terminal fixture
AC1049	Calibration kit



MESUR Lite data acquisition software is included with the WT3-200.

Dimensions in [mm]

