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Mark-10 WT3-201M Motorized wire crimp pull tester 200lbF/3200ozF/100kgF/1000N/1kN

The WT3-201M motorized wire crimp pull tester is designed to measure pull-off forces of up to 200 lbF [1 kN] for wire and tube terminations. The tester conforms to numerous UL, ISO, ASTM, SAE, MIL, and other requirements for destructive testing. Non-destructive testing is also possible, such as pulling to a load or maintaining a load for a specified period of time, as per the requirements of UL 486A/B. Programmable pass/fail limits with red and green indicators and audio alerts help identify non-conforming samples.
The tester accommodates wire sizes up to AWG 3 (0.25 in [6.3 mm] OD), or custom sizes via the available machinable blank fixture. Auto-start automatically begins the test when the wire sample has been loaded. When the sample breaks, the tester can auto-reverse, output the peak force, store the peak force, and zero the display automatically, thereby increasing testing throughput. Further testing efficiency is achieved via the available Profiles function, through which multiple test setups may be saved and recalled as required.
On-board data storage and statistical calculations is provided for up to 2,000 readings, with available date and time stamp for each saved data point. Data can be transferred to a PC or other data collector via USB, RS-232, Mitutoyo (Digimatic), or analog outputs.
The WT3-201M includes MESURTM Lite data acquisition software. MESURTM Lite tabulates continuous or single point data. One-click export to Excel allows for further data manipulation.

Specifications	Details
Range	200 lbF / 3200 ozF / 100 kgF / 1000 N / 1 kN
Sampling Rate	7,000 Hz
Wire Diameter	0.01 - 0.25 in (0.3 - 6.3 mm)
Brand	Mark-10
Wire gauge range	AWG30 - AWG3
Includes	Power cord, quick-start guide, USB cable, resource CD (USB driver, MESURTM Lite software, MESURTMgauge DEMO software, and users guide), and NIST-traceable certificate of calibration.
Accuracy	Â±0.2% of full scale