

Controls & Indicators



Optional Functions

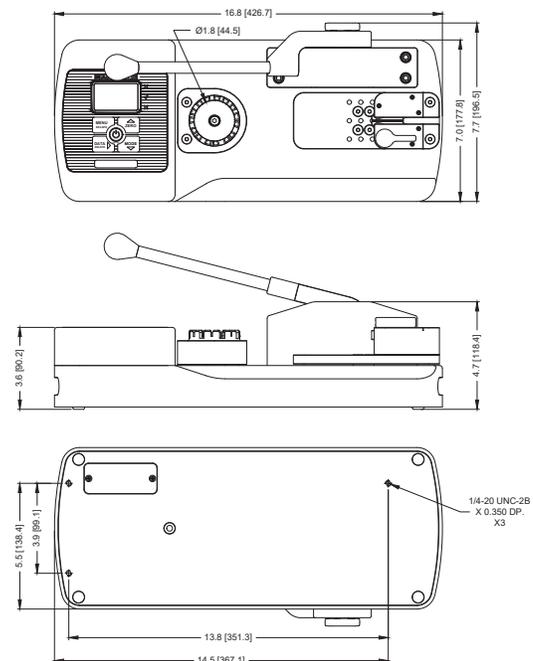
Any of these optional functions may be purchased at time of order or may be enabled in the field at a later date through a simple activation process. A complete options package is also available, including all of the listed features at a discounted price. The tester is shipped in Demo Mode, during which time all available functions are enabled for 160 hours of operation.

Feature	Part No.	Description
Profiles	WF010	Save and recall up to 500 sets of test parameters, including pass/fail limits, measurement unit, etc.
Date and time stamp	WF013	A date and time stamp is applied to each saved data point.
Complete options package	WFCOMP-205	Includes all functions listed above.

Specifications

Force capacity:	200 x 0.1 lbF, 3200 x 2 ozF, 100 x 0.05 kgF, 1,000 x 0.5 N, 1 x 0.0005 kN
Accuracy:	±0.2% of full scale
Wire diameter range:	AWG30 - AWG 3 [0.01 - 0.25 in (0.3 - 6.3 mm)]
Minimum sample length:	2.1 in (53.3 mm), excluding termination
Max. elongation:	1.7 in (43.2 mm)
Power:	AC adapter: 100-240VAC, 50-60 Hz, 0.3 A Battery: Rechargeable 8.4V NiMH Low battery indicator appears when battery level is low, and tester powers off automatically when power reaches critical stage.
Sampling rate:	7,000 Hz
Outputs:	USB / RS-232: Configurable up to 115,200 baud. Mitutoyo: Serial BCD suitable for all Mitutoyo SPC-compatible devices. Analog: ±1 VDC, ±0.25% of full scale at capacity. Set points: Three open drain lines, 40 VDC max., 100 mA DC max.
Safe overload:	150% of full scale (display shows "OVER" at 110% and above)
Weight:	24.5 lb [11 kg]
Environmental requirements:	40 - 100°F, max. 96% humidity, non-condensating
Warranty:	3 years (see individual statement for further details)

Dimensions in [mm]



Optional Items



AC1135
Ring terminal fixture
 Secures ring terminations. Pin diameter sizes from 1/8 to 3/8 in [3.2 to 9.5 mm]. Replaces the standard turret fixture.



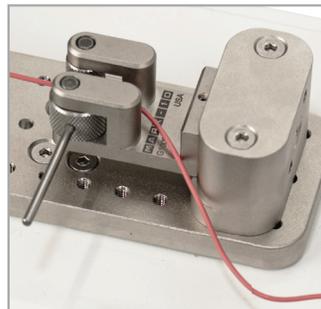
AC1136
Machinable blank terminal fixture
 For unique sample shapes and sizes. Replaces the standard turret fixture.



AC1132
Wedge grip assembly
 Self-tightening jaws effectively secure the sample. This type of grip is standard on the actuator end, but may also replace the standard turret fixture.



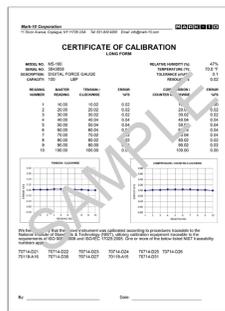
AC1134
Bollard grip assembly
 Secures the free end of the sample via a bollard and vise. Based on the model G1102 grip.



AC1133
Dual roller grip assembly
 Cam-action knurled rollers secure the free end of the wire. Replaces the standard wedge grip. Based on the model G1002 grip.



AC1137-1
Carrying case
 Provides a cushioned storage space for the tester and accessories.



CERT
Calibration certificate w/data
 Includes 10 data points (short form certificate without data is included).

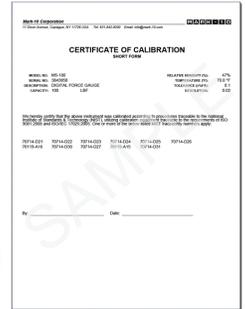


AC1049
Calibration fixture
 Complete set of brackets and hardware for calibration of WT-205 or WT-205M. Also compatible with legacy models WT3-201, WT3-201M, and WT3-200. Weights not available from Mark-10.

In The Box

The tester is shipped as shown at right and includes the following accessories:

- (1) Removable lever
- (1) Turret-style terminal fixture (installed)
- (1) Wedge grip assembly (installed)
- (1) USB cable
- (1) Battery (installed)
- (1) AC adapter with 110V US prong
- (1) Certificate of calibration without data (data is optional)



Ordering Information

Model	Description
WT-205	Wire crimp pull tester
Optional Functions	
WF010	Profiles
WF013	Date and time stamp
WFCOMP-205	Complete options package for WT-205
Additional Items to Consider	
AC1135	Ring terminal fixture
AC1136	Machinable blank terminal fixture
AC1132	Wedge grip assembly
AC1134	Bollard grip assembly
AC1133	Dual roller grip assembly
AC1137-1	Carrying case
AC1049	Calibration kit
CERT	Certificate of calibration with data

Alternative AC Adapter Prongs



AC1120



AC1121



AC1122

All instruments include a 110V AC adapter with US prong style. Select an alternative prong adapter (if required) from the table below.

Model	Description
AC1120	Prong for AC adapter, 220V EUR
AC1121	Prong for AC adapter, 220V UK
AC1122	Prong for AC adapter, 220V AUS