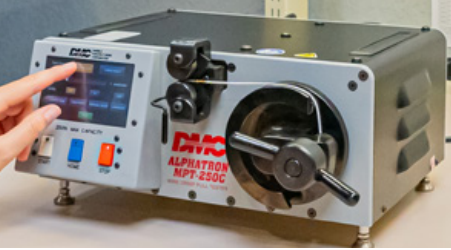


Tensile Testing Crimp Pull Tester



DMC offers Alphasatron® tensile testers for quality control operations. These tools ensure that terminated wire samples accurately meet industry strength requirements. Alphasatron testers cover wire ranges from 26 to 8 AWG and are accurate within ±0.5% of full scale. All testers are electronic and come with a digital display that provides technicians with accurate test data. DMC's trusted line of tensile testers are based on the EIA-364-08C Electronic Components Industry Standard and come with a NIST traceable certificate of calibration.

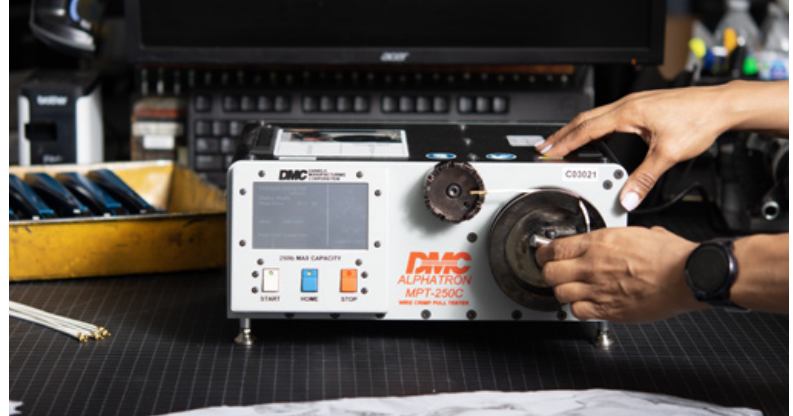
MPT-250C



15-3046



15-3202C



26 to 8 AWG




Electric Motor



5 to 250 LBF Capacity

NSN: 6635-01-581-9996

Length	12.6"
Width	13.6"
Height	6.4"
Weight	23.2 lbs

Includes 15-3202C self-tightening stationary grip and 15-3046 movable wire pull grip. Additional specialized grips are available. Meets  standards.

FEATURES

Performs "force hold" testing to validate the tensile strength that the termination can withstand without breaking or "pull to fail" testing that measures ultimate tensile strength upon breaking

Displays test data in multiple languages on a full color LCD touchscreen

Interchangeable grips extend testing capabilities to include terminal lugs, splices, machined contacts, miniature contacts, and Safe-T-Cable terminations

Capable of exporting test data and requires no additional software to be viewed on desktop programs

MPT-VF VERIFICATION TOOL

The MPT-VF verification fixture is designed to verify the load cell of the MPT-250C using precision scale weights. Calibrated weights are hung from the fixture while it is attached to the load cell. This ensures the load cell is reading correctly. The MPT-VF comes with a verification fixture, eye to eye swivel, 3/16" long arm hex key, and additional hardware.



PT-150HA



15-3087



15-3202C

Length	16"
Width	9.2"
Height	6"
Weight	13.8 lbs

Includes a 15-3087 slotted terminal grip and a 15-3202 self-tightening grip. Additional specialized grips are available.



26 to 8 AWG



Manual Operation



2 to 150 LBF

FEATURES

Performs "pull to fail" testing which determines the ultimate tensile strength the termination can withstand

Interchangeable grips extend testing capabilities to multiple wire terminations

Quickly displays test data on an LCD screen

HPT-200B



15-3035



TST250-12



26 to 10 AWG



Battery



2 to 200 LBF

Length	5.88"
Width	2.53"
Height	1.32"
Weight	3.2 lbs

Includes a built-in 15-3035 slotted disc grip, an additional TST250-12 clamp grip, software package, a charger, three unique plug prongs, and a carrying case. HPT-1SA replacement handles can be ordered as spares.



FEATURES

Performs a "pull to fail" test which determines the ultimate tensile strength the termination can withstand

Portable hand-held tensile tester with a battery life of 24 hours

Quickly displays test data on an LCD screen and can export data with provided software

Designed with low-stress ergonomic handles

Overall high-speed performance with sample rates of 7,000 Hz and data outputs rates of 500 Hz

Provides 5 selectable units of measurement including lbf, ozf, kgf, gf, and N

TENSILE TESTERS ACCESSORIES

DMC TOOL P/N	GRIP PART NUMBER AND DESCRIPTION	APPLICATION
MPT-250C	15-3046 INCLUDED T-HANDLE LARGE INSULATION UPPER GRIP	HIGH FORCE WIRE GRIP
	15-3202C* INCLUDED SELF TIGHTENING LOWER GRIP	TERMINAL LUGS, MACHINED CONTACTS
	15-0066C OPTIONAL RING TERMINAL LOWER GRIP	RING TERMINALS
	15-3087C OPTIONAL GENERAL PURPOSE LOWER GRIP	TERMINAL LUGS, MACHINED CONTACTS
	15-3314 OPTIONAL MINI-VISE GRIP	MINIATURE CONTACTS
	15-3318 OPTIONAL SAFE-T-CABLE PULL WHEEL AND GRIP SET	.022, .032, AND .040 SAFE-T-CABLE
PT-150HA	15-3087 INCLUDED GENERAL PURPOSE LOWER GRIP (STATIONARY)	TERMINAL LUGS, MACHINED CONTACTS
	15-0066 OPTIONAL RING TERMINAL LOWER GRIP (STATIONARY)	RING TERMINALS
	15-3242 OPTIONAL LOCKING RING TERMINAL LOWER GRIP (STATIONARY)	RING TERMINALS
HPT-200B	15-3035 INCLUDED STANDARD SLOTTED DISC UPPER GRIP	TERMINALS
	15-3039 OPTIONAL UPPER GRIP	HEX TERMINALS
	15-3115 OPTIONAL LOWER GRIP	RF COAX CABLES
	TST250-12 INCLUDED CLAMP GRIP	WIRE GRIP

*Can be used on both the MPT-250C and PT-150HA.

SPECIALIZED GRIPS

MINIMUM TENSILE STRENGTH REQUIREMENT				
CONDUCTOR SIZE (AWG)	UL 486A TEST VALUES (COMMERCIAL STANDARD)		TYPICAL MIL-SPEC (AS22520, AS7928, ETC)	
	POUNDS	NEWTONS	POUNDS	NEWTONS
26	3	13.4	7	31.2
24	5	22.3	10	44.5
22	8	35.6	15	66.8
20	13	57.9	19	84.6
18	20	89.0	38	169.1
16	30	133.5	50	222.5
14	50	222.5	70	311.5
12	70	311.5	110	489.5
10	80	356.0	150	667.5
8	90	400.5	225	1001.3



15-0066



15-0066C



15-3039



15-3087C



15-3115



15-3314



15-3318



15-3242



SCAN FOR MORE INFORMATION
qrco.de/TensileTesting