

Electrical Test and Measurement

Multimeters

All multimeters are equipped with battery and test leads. The MM1300, MM2300 and MM6000 series also include a thermocouple.



Measurement		MM500 Auto Ranging	MM1300/ MM1300N* Electrician's / HVAC	MM2300/ MM2300N* Electrician's / HVAC TRMS	MM5000/ MM5000N* Electrician's TRMS	MM6000/ MM6000N* Electrician's / HVAC TRMS
AC Current		—	10A	10A	—	10A
DC Current		—	10A	10A	—	10A
AC Voltage		750V	1000V	1000V	1000V	1000V
DC Voltage		750V	1000V	1000V	1000V	1000V
Audible Continuity		●	●	●	●	●
Resistance Range		40MΩ	60MΩ	60MΩ	40MΩ	50MΩ
Data Hold		—	●	●	●	●
Diode Test		—	●	●	●	●
Protective Boot		—	●	●	●	●
Low Battery		—	●	●	●	●
Lead Storage		●	●	●	●	●
Auto Power Off		●	●	●	●	●
Back Light		●	●	●	●	●
Auto Ranging		●	●	●	●	●
Temperature		—	-58~1832°F -50~1000°C	-58~1832°F -50~1000°C	—	-58~1832°F -50~1000°C
uA Setting		—	●	●	●	●
Capacitance		—	6000μF	6000μF	—	6000μF
Range Hold		—	●	●	●	●
Frequency		—	499.9kHz	499.9kHz	—	399.9kHz
Max/Min		—	●	●	●	●
Duty Cycle		—	●	●	—	●
Relative Reading		—	●	●	—	●
Optional Hanger Kit		—	●	●	●	●
Bar Graph		—	●	●	●	●
Lead Warning		—	●	●	—	●
Auto Hold		●	●	●	●	●
True RMS		—	—	●	●	●
Low Impedance		—	—	●	●	●
Ingress Protection		IP67	IP20	IP20	IP40	IP20
Drop Protection		3m (10ft.)	2m (6ft.)	2m (6ft.)	3m (10ft.)	3m (10ft.)
Safety Rating		CAT IV 600V	CAT IV 600V	CAT IV 600V	CAT IV 600V	CAT IV 600V
Basic DC Accuracy		±0.5%	±0.5%	±0.5%	±0.3%	±0.2%
Counts		4000	6000	6000	4000	6000
Listing		LISTED 452K	LISTED 452K	LISTED 452K	LISTED 4007036	LISTED 4007036

*NOTE: NIST Certified meters are special order and must be ordered through customer service.

Reference Guide

Cat. No.	UPC # 0-92644+	Description	
FISH TAPES AND ACCESSORIES			
56055	56055-2	100' Multi-Groove Fiberglass Fish Tape – 7" leader	
56056	56056-9	200' Multi-Groove Fiberglass Fish – 7" leader	
56057	56057-6	50' Non-Conductive Multi-Groove Fiberglass Fish Tape	
56058	56058-3	100' Non-Conductive Multi-Groove Fiberglass	
56059	56059-0	200' Non-Conductive Multi-Groove Fiberglass	
56000	56000-2	25' Steel Fish Tape	
56001	56001-9	50' Steel Fish Tape	
56002	56002-6	65' Steel Fish Tape	
56003	56003-3	125' Steel Fish Tape	
56004	56004-0	240' Steel Fish Tape	
56005	56005-7	25' Steel Fish Tape	
56006	56006-4	100' Steel Fish Tape	
56007	56007-1	125' Stainless Steel Fish Tape	
56008	56008-8	240' Stainless Steel Fish Tape	
56013	56013-2	50' Spiral Steel Fish Tape	
56065	56065-1	65' Steel Replacement Fish Tape	
56125	56125-2	125' Steel Replacement Fish Tape	
56240	56240-2	240' Steel Replacement Fish Tape	
Pull Line			
56108	56108-5	500' Poly Pull Line	
56110	56110-8	6500' Poly Pull Line	
Lubricants			
51100	51100-4	Foam Wire Pulling Lubricant - 19 oz. can	
Splinter-Guard™ Fish and Glow Rods			
56326	56326-3	Deluxe Fish Rod Kit	
56304	56304-1	4' Lo-Flex Fish Rod	
56306	56306-5	6' Lo-Flex Fish Rod	
56312	56312-6	12' Lo-Flex Fish Rod Set	
56324	56324-9	24' Lo-Flex Fish Rod Set	
56325	56325-6	25' Fish and Glow Rod Set	
56405	56405-5	5' Mid-Flex Glow Rod	
56406	56406-2	6' Hi-Flex Glow Rod	
56409	56409-3	9' Mid-Flex Glow Rod Set	
56415	56415-4	15' Mid-Flex Glow Rod Set	
56418	56418-5	18' Hi-Flex Glow Rod Set	
56119	56119-1	Illuminated Fish Rod Tip	
Conduit Benders			
56203	56203-7	Iron Bender w/ Handle – 1/2" EMT	
56204	56204-4	Iron Bender w/ Handle – 3/4" EMT	
56205	56205-1	Iron Bender w/ Handle – 1" EMT	
56206	56206-8	Aluminum Bender w/ Handle – 1/2" EMT	
56207	56207-5	Aluminum Bender w/ Handle – 3/4" EMT	
56208	56208-2	1/2" Iron Conduit Bender Head	
56209	56209-9	3/4" Iron Bender Head	
56210	56210-5	1" Iron Bender Head	
56211	56211-2	1-1/4" Iron Bender Head	
51427	51427-2	Handle for 1/2" & 3/4" EMT Benders	
51428	51428-9	Handle for 1" EMT Benders	
51429	51429-6	Handle for 1-1/4" EMT Benders	
VOICE/DATA/VIDEO TEST AND MEASUREMENT			
VDV501-828	58211-0	VDV Commander™ Test Kit	
VDV501-829	58212-7	VDV Commander™ Test and Tone Kit	
VDV501-815	58187-8	VDV Ranger™ TDR Kit	
VDV501-823	58196-0	VDV Scout® Pro 2 Tester Kit	
VDV501-824	58197-7	VDV Scout® Pro 2 Tester & Test-n-Map™ Remote Kit	
VDV501-825	58198-4	VDV Scout® Pro 2 LT Tester & Remote Kit	
VDV501-826	58199-1	VDV Scout® Pro 2 LT Tester & Test-n-Map™ Remote Kit	
VDV770-827	58200-4	VDV Scout® Pro 2 Test-n-Map™ Remote Kit	
VDV ProTech™ Kits			
VDV026-831	58248-6	ProTech™ Data Kit	
VDV011-832	58249-3	ProTech™ Coaxial Kit	
VDV001-833	58250-9	ProTech™ Data & Coaxial Kit	

Cat. No.	UPC #0-92644+	Description	
VDV Connectors			
VDV812-612	58148-9	Universal F Connector – RG6/6Q (50-Pack)	
VDV812-618	58158-8	Universal F Connector – RG59 (50-Pack)	
VDV813-613	58149-6	Universal BNC Connector – RG6/6Q (35-Pk)	
VDV813-614	58150-2	Universal RCA Connector – RG6/6Q (35-Pk)	
VDV813-619	58159-5	Universal BNC Connector – RG59 (35-Pk)	
VDV813-620	58160-1	Universal RCA Connector – RG59 (35-Pk)	
VDV812-624	58164-9	Standard F Connector – RG6 (50-Pk)	
VDV826-600	58136-6	Telephone Plug – RJ11 – 6P6C (25-Pk)	
VDV826-601	58137-3	Telephone Plug – RJ11 – 6P4C (25-Pk)	
VDV826-602	58138-0	Modular Data Plug – RJ45 – CAT5e (50-Pk)	
VDV826-603	58139-7	Modular Data Plug – RJ45 – CAT6 (25-Pk)	
VDV826-604	58140-3	UY IDC Connector – UY 22-26 AWG (25-Pk)	
VDV826-605	58141-0	UR IDC Connector – UR 19-26 AWG (25-Pk)	
VDV826-611	58147-2	Modular Data Plug – RJ45 – CAT5e (100-Pk)	
VDV826-628	58168-7	Modular Data – RJ45 – CAT5e (10-Pk)	
ELECTRICAL TEST AND MEASUREMENT			
MM1300	69154-6	Electrician's/HVAC Multimeter	
MM1300N	69654-1	Electrician's/HVAC Multimeter w/ NIST Cert.	
MM2300	69155-3	Electrician's/HVAC TRMS Multimeter	
MM2300N	69655-8	Electrician's/HVAC TRMS Multimeter w/ NIST Cert.	
MM500	69158-4	Auto Ranging Multimeter	
MM5000	69156-0	Electrician's TRMS Multimeter	
MM5000N	69656-5	Electrician's TRMS Multimeter w/ NIST Cert.	
MM6000	69157-7	Electrician's / HVAC TRMS Multimeter	
MM6000N	69657-2	Electrician's / HVAC TRMS Multimeter w/ NIST Cert.	
CL1200	69212-3	600A AC Clamp Meter	
CL1200N	69712-8	600A AC Clamp Meter w/ NIST Cert.	
CL2200	69214-7	600A AC/DC True RMS Clamp Meter	
CL2200N	69714-2	600A AC/DC True RMS Clamp Meter w/ NIST Cert.	
CL2300	69215-4	600A AC/DC TRMS Clamp Meter w/ Temp.	
CL2300N	69715-9	600A AC/DC TRMS Clamp Meter w/ Temp.w/ NIST Cert.	
CL2500	69207-9	1000A AC/DC TRMS Clamp Meter	
CL2500N	69707-4	1000A AC/DC TRMS Clamp Meter w/ NIST Cert.	
CL3200	69208-6	200A AC Fork Tester	
CL3200N	69708-1	200A AC Fork Tester w/ NIST Cert.	
IR2000A	69309-0	Infrared Thermometer	
NCVT-2	69002-0	Dual Range Non-Contact Voltage Tester	
69416	69416-5	Silicone Test Leads	
PERSONAL PROTECTIVE EQUIPMENT			
Protective Eyewear			
60046	60046-3	Standard Eyewear – Dark Gray Lens	
60047	60047-0	Standard Eyewear – SCT Gray Lens	
60049	60049-4	Standard Eyewear – Amber Lens	
60053	60053-1	Standard Eyewear – Clear	
60054	60054-8	Standard Eyewear – Clear	
60055	60055-5	Standard Eyewear – Espresso	
60056	60056-2	Frameless Eyewear – Clear	
60057	60057-9	Frameless Eyewear – Espresso	
Hard Hats and Accessories			
60009	60009-8	Standard Hard Cap, White	
60010	60010-4	Standard Hard Cap, Yellow	
60011	60011-1	Standard Hard Cap, Blue	
60025	60025-8	Advance® Hard Cap, White	
60027	60027-2	Advance® Hard Cap, Blue	
60028	60028-9	V-Gard® Hard Hat, White	
60030	60030-2	V-Gard® Hard Hat, Blue	
60031	60031-9	V-Gard® Hard Hat, White	
60060	60060-9	Full Face Shield	
Lockouts, Barricade Tape and Cleaners			
45200	45200-0	Lockouts w/Interlocking Tabs	
45201	45201-7	Lockouts w/Interlocking Tabs	
58000	58000-0	200' CAUTION Tape	
58001	58001-7	1000' CAUTION Tape	
58002	58002-4	200' CAUTION/BURIED ELECTRIC LINE Tape	

Electrical Test and Measurement Multimeters

All multimeters are equipped with battery and test leads. The MM1300, MM2300 and MM6000 series also include a thermocouple.



Measurement		MM500 Auto Ranging	MM1300/ MM1300N* Electrician's / HVAC	MM2300/ MM2300N* Electrician's / HVAC TRMS	MM5000/ MM5000N* Electrician's TRMS	MM6000/ MM6000N* Electrician's / HVAC TRMS
AC Current		—	10A	10A	—	10A
DC Current		—	10A	10A	—	10A
AC Voltage		750V	1000V	1000V	1000V	1000V
DC Voltage		750V	1000V	1000V	1000V	1000V
Audible Continuity		●	●	●	●	●
Resistance Range		40MΩ	60MΩ	60MΩ	40MΩ	50MΩ
Data Hold		—	●	●	●	●
Diode Test		—	●	●	●	●
Protective Boot		—	●	●	●	●
Low Battery		—	●	●	●	●
Lead Storage		●	●	●	●	●
Auto Power Off		●	●	●	●	●
Back Light		●	●	●	●	●
Auto Ranging		●	●	●	●	●
Temperature		—	-58~1832°F -50~1000°C	-58~1832°F -50~1000°C	—	-58~1832°F -50~1000°C
uA Setting		—	●	●	●	●
Capacitance		—	6000μF	6000μF	—	6000μF
Range Hold		—	●	●	●	●
Frequency		—	499.9kHz	499.9kHz	—	399.9kHz
Max/Min		—	●	●	●	●
Duty Cycle		—	●	●	—	●
Relative Reading		—	●	●	—	●
Optional Hanger Kit		—	●	●	●	●
Bar Graph		—	●	●	●	●
Lead Warning		—	●	●	—	●
Auto Hold		●	●	●	●	●
True RMS		—	—	●	●	●
Low Impedance		—	—	●	●	●
Ingress Protection		IP67	IP20	IP20	IP40	IP20
Drop Protection		3m (10ft.)	2m (6ft.)	2m (6ft.)	3m (10ft.)	3m (10ft.)
Safety Rating		CAT IV 600V	CAT IV 600V	CAT IV 600V	CAT IV 600V	CAT IV 600V
Basic DC Accuracy		±0.5%	±0.5%	±0.5%	±0.3%	±0.2%
Counts		4000	6000	6000	4000	6000
Listing						

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Cat. No.	UPC # 0-92644+	Description	
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56059	56059-0	200' Non-Conductive Multi-Groove Fiberglass	
56000	56000-2	25' Steel Fish Tape	
56001	56001-9	50' Steel Fish Tape	
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56004	56004-0	240' Steel Fish Tape	
56005	56005-7	25' Steel Fish Tape	
56006	56006-4	100' Steel Fish Tape	
56007	56007-1	125' Stainless Steel Fish Tape	
56008	56008-8	240' Stainless Steel Fish Tape	
56013	56013-2	50' Spiral Steel Fish Tape	
56065	56065-1	65' Steel Replacement Fish Tape	
56125	56125-2	125' Steel Replacement Fish Tape	
56240	56240-2	240' Steel Replacement Fish Tape	
Pull Line			
56108	56108-5	500' Poly Pull Line	
56110	56110-8	6500' Poly Pull Line	
Lubricants			
51100	51100-4	Foam Wire Pulling Lubricant - 19 oz. can	
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56326	56326-3	Deluxe Fish Rod Kit	
56304	56304-1	4' Lo-Flex Fish Rod	
56306	56306-5	6' Lo-Flex Fish Rod	
56312	56312-6	12' Lo-Flex Fish Rod Set	
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56325	56325-6	25' Fish and Glow Rod Set	
56405	56405-5	5' Mid-Flex Glow Rod	
56406	56406-2	6' Hi-Flex Glow Rod	
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56415	56415-4	15' Mid-Flex Glow Rod Set	
56418	56418-5	18' Hi-Flex Glow Rod Set	
56119	56119-1	Illuminated Fish Rod Tip	
Conduit Benders			
56203	56203-7	Iron Bender w/ Handle – 1/2" EMT	
56204	56204-4	Iron Bender w/ Handle – 3/4" EMT	
56205	56205-1	Iron Bender w/ Handle – 1" EMT	
56206	56206-8	Aluminum Bender w/ Handle – 1/2" EMT	
56207	56207-5	Aluminum Bender w/ Handle – 3/4" EMT	
56208	56208-2	1/2" Iron Conduit Bender Head	
56209	56209-9	3/4" Iron Bender Head	
56210	56210-5	1" Iron Bender Head	
56211	56211-2	1-1/4" Iron Bender Head	
51427	51427-2	Handle for 1/2" & 3/4" EMT Benders	
51428	51428-9	Handle for 1" EMT Benders	
51429	51429-6	Handle for 1-1/4" EMT Benders	
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VDV501-829	58212-7	VDV Commander™ Test and Tone Kit	
VDV501-815	58187-8	VDV Ranger™ TDR Kit	
VDV501-823	58196-0	VDV Scout® Pro 2 Tester Kit	
VDV501-824	58197-7	VDV Scout® Pro 2 Tester & Test-n-Map™ Remote Kit	
VDV501-825	58198-4	VDV Scout® Pro 2 LT Tester & Remote Kit	
VDV501-826	58199-1	VDV Scout® Pro 2 LT Tester & Test-n-Map™ Remote Kit	
VDV770-827	58200-4	VDV Scout® Pro 2 Test-n-Map™ Remote Kit	
VDV ProTech™ Kits			
VDV026-831	58248-6	ProTech™ Data Kit	
VDV011-832	58249-3	ProTech™ Coaxial Kit	
VDV001-833	58250-9	ProTech™ Data & Coaxial Kit	

Cat. No.	UPC #0-92644+	Description	
VDV Connectors			
VDV812-612	58148-9	Universal F Connector – RG6/6Q (50-Pack)	
VDV812-618	58158-8	Universal F Connector – RG59 (50-Pack)	
VDV813-613	58149-6	Universal BNC Connector – RG6/6Q (35-Pk)	
VDV813-614	58150-2	Universal RCA Connector – RG6/6Q (35-Pk)	
VDV813-619	58159-5	Universal BNC Connector – RG59 (35-Pk)	
VDV813-620	58160-1	Universal RCA Connector – RG59 (35-Pk)	
VDV812-624	58164-9	Standard F Connector – RG6 (50-Pk)	
VDV826-600	58136-6	Telephone Plug – RJ11 – 6P6C (25-Pk)	
VDV826-601	58137-3	Telephone Plug – RJ11 – 6P4C (25-Pk)	
VDV826-602	58138-0	Modular Data Plug – RJ45 – CAT5e (50-Pk)	
VDV826-603	58139-7	Modular Data Plug – RJ45 – CAT6 (25-Pk)	
VDV826-604	58140-3	UY IDC Connector – UY 22-26 AWG (25-Pk)	
VDV826-605	58141-0	UR IDC Connector – UR 19-26 AWG (25-Pk)	
VDV826-611	58147-2	Modular Data Plug – RJ45 – CAT5e (100-Pk)	
VDV826-628	58168-7	Modular Data – RJ45 – CAT5e (10-Pk)	
ELECTRICAL TEST AND MEASUREMENT			
MM1300	69154-6	Electrician's/HVAC Multimeter	
MM1300N	69654-1	Electrician's/HVAC Multimeter w/ NIST Cert.	
MM2300	69155-3	Electrician's/HVAC TRMS Multimeter	
MM2300N	69655-8	Electrician's/HVAC TRMS Multimeter w/ NIST Cert.	
MM500	69158-4	Auto Ranging Multimeter	
MM5000	69156-0	Electrician's TRMS Multimeter	
MM5000N	69656-5	Electrician's TRMS Multimeter w/ NIST Cert.	
MM6000	69157-7	Electrician's / HVAC TRMS Multimeter	
MM6000N	69657-2	Electrician's / HVAC TRMS Multimeter w/ NIST Cert.	
CL1200	69212-3	600A AC Clamp Meter	
CL1200N	69712-8	600A AC Clamp Meter w/ NIST Cert.	
CL2200	69214-7	600A AC/DC True RMS Clamp Meter	
CL2200N	69714-2	600A AC/DC True RMS Clamp Meter w/ NIST Cert.	
CL2300	69215-4	600A AC/DC TRMS Clamp Meter w/ Temp.	
CL2300N	69715-9	600A AC/DC TRMS Clamp Meter w/ Temp.w/ NIST Cert.	
CL2500	69207-9	1000A AC/DC TRMS Clamp Meter	
CL2500N	69707-4	1000A AC/DC TRMS Clamp Meter w/ NIST Cert.	
CL3200	69208-6	200A AC Fork Tester	
CL3200N	69708-1	200A AC Fork Tester w/ NIST Cert.	
IR2000A	69309-0	Infrared Thermometer	
NCVT-2	69002-0	Dual Range Non-Contact Voltage Tester	
69416	69416-5	Silicone Test Leads	
PERSONAL PROTECTIVE EQUIPMENT			
Protective Eyewear			
60046	60046-3	Standard Eyewear – Dark Gray Lens	
60047	60047-0	Standard Eyewear – SCT Gray Lens	
60049	60049-4	Standard Eyewear – Amber Lens	
60053	60053-1	Standard Eyewear – Clear	
60054	60054-8	Standard Eyewear – Clear	
60055	60055-5	Standard Eyewear – Espresso	
60056	60056-2	Frameless Eyewear – Clear	
60057	60057-9	Frameless Eyewear – Espresso	
Hard Hats and Accessories			
60009	60009-8	Standard Hard Cap, White	
60010	60010-4	Standard Hard Cap, Yellow	
60011	60011-1	Standard Hard Cap, Blue	
60025	60025-8	Advance® Hard Cap, White	
60027	60027-2	Advance® Hard Cap, Blue	
60028	60028-9	V-Gard® Hard Hat, White	
60030	60030-2	V-Gard® Hard Hat, Blue	
60031	60031-9	V-Gard® Hard Hat, White	
60060	60060-9	Full Face Shield	
Lockouts, Barricade Tape and Cleaners			
45200	45200-0	Lockouts w/Interlocking Tabs	
45201	45201-7	Lockouts w/Interlocking Tabs	
58000	58000-0	200' CAUTION Tape	
58001	58001-7	1000' CAUTION Tape	
58002	58002-4	200' CAUTION/BURIED ELECTRIC LINE Tape	