

**▶ MT-1707 3-5/6 True RMS Multimeter**

**Auto Range  
Live Wire Test**

CAT III 1000V **RoHS COMPLIANT**  
CAT IV 600V

**Features**

- Continuity Test • Duty Cycle • Data Hold • Auto Power Off
- LED Light • Low Battery Indication • Input Alert Protection
- NCV Detection

DCV	600mV/6V/60V/600V/1000V ±(0.5%+3d)
ACV True RMS	6V/60V ±(0.8%+3d), 600V/750V ±(1%+10d) Frequency Response : 40Hz-1KHz
DCA	60uA/6mA/60mA/600mA±(0.8%+3d) 10.00A±(1.2%+3d)
ACA True RMS	60mA/600mA±(1%+3d), 10.00A±(1.5%+3d) Frequency Response : 40Hz-1KHz
Frequency	9.999Hz/99.99Hz/999.9Hz/9.999KHz/ 99.99KHz/999.9KHz/9.99MHz ±(1.0%+3d)
Resistance	600Ω/6kΩ/60kΩ/600kΩ/6MΩ±(0.8%+3d) 60MΩ±(1.2%+30d)
Capacitance	6nF±(4.0%+30d) 60nF/600nF/6uF/60uF/600uF/6mF±(4.0%+3d) 100mF ±(5.0%+3d)
Temperature	-20°C~1000°C/-4°F~1832°F±(1.0%+3d)
Fuse	FF600mA/1000V, FF10A/1000V
Power	4 x 1.5V AA Batteries (Not included)
Weight	340g (Without battery)
Size	192 mm(L)×89 mm(W)×55mm(H)
Individual packing	Color Box
Accessories	Test lead, K-Type thermocouple

**100 mF**

**30 Positions, Full Function**

Special design for ACV/ACA True-RMS measurement. Ideal for a variety of electrical and electronic applications.



**▶ MT-1710 3 3/4 True RMS Multimeter**

**Auto Range  
hFE Test  
Temperature Measurement**

CAT IV 600V

**Features**

- Continuity with Beeper • Diode Test • Transistor Test • Duty Cycle
- Relative Reference • Data Hold • Auto Power Off • Low Battery Indication
- Input Alert • LCD Backlight



DCV	400mV/4/40/400V ±(0.5%+4d), 1000V ±(1.0%+6d)
ACV	40~1kHz(sine and triangular wave) and 40~200Hz(other wave): 400mV ±(1.6%+8d), 4/40/400/750V ±(1.0%+10d) 200~1kHz(other wave):400mV/4/40/400/750V ±(8.0%+15d)
DCA	400u/4000uA ±(1.0%+10d), 40m/400mA ±(1.2%+8d), 10A ±(1.2%+10d)
ACA	40~1kHz(sine and triangular wave) and 40~200Hz(other wave): 400u/4000u/40m/400mA ±(1.5%+10d), 10A ±(2.0%+15d) 200~1kHz(other wave):400u/4000u/40m/400m/10A ±(8.0%+15d)
Resistance	400Ω ±(0.8%+5d), 4k/40k/400k/4MΩ ±(0.8%+4d), 40MΩ ±(1.2%+10d)
Frequency	100/1000/10k/100kHz ±(0.5%+10d), 1M/30MHz ±(0.5%+10d)
Capacitance	10n ±(5.0%+20d), 100n/1u/10u/100uF ±(3.5%+8d), 1/10/100mF ±(5.0%+10d)
Temperature	-20~400°C(-4~752°F) ±(1.0%+5d), 400~1000°C (752~1832°F) ±(1.5%+15d)
Power source	9V (NEDA 1640/6F22) battery(Not included)
Size	190×95×45 mm
Individual packing	Color box
Accessories	Test lead, transistor test socket, thermocouple probe

**▶ MT-1705 3 1/2 True RMS Multimeter**

**Economic Type**

CAT III 600V **RoHS COMPLIANT**

**Features**

- Continuity with Beeper • Diode Test • Data Hold • Auto Power Off
- Low Battery Indication • Input Alert • LCD Backlight • Overload Indication



DCV	200mV/2V/20V/200V±(0.5%+3d) ,600V±(1.0%+10d)
ACV	40Hz-200Hz and 200Hz-1kHz sine and triangular wave: 2V/200V±(0.8%+5d), 600V±(1.2%+10d) 200Hz-1kHz other wave: 2V/200V/600V±(8.0%+15d)
DCA	20mA/200mA±(1.2%+8d), 10A±(2.0%+5d)
ACA	40Hz-200Hz and 200Hz-1kHz Sine and triangular wave: 200mA±(1.5%+15d), 10A±(3.0%+10d) 200Hz-1kHz Other wave: 200mA/10A±(8.0%+15d)
Resistance	200±(0.8%+5d), 20k/200k±(0.8%+3d), 20M±(1.0%+25d)
Frequency	10/100/1k/10k/100k/2M Hz±(1.0%+10d)
Capacitance	20nF/200nF/2uF±(3.5%+20d), 20uF/200uF/2000uF±(5.0%+10d)
Temperature	N/A
Power source	3V(1.5VAAA×2)(Not included)
Size	150x73.5x35mm
Individual packing	Color box
Accessories	Test lead



## PC LINK SYSTEM

The Professional Multimeter Series with USB connector allow you to easily connect to PC for monitor measuring data and recording. An ideal tool in laboratory, factory as well as for radio fans and family.

### MT-1860 3 5/6 Dual Display DMM w/USB Connector & Key Touching

Endowed with the key touching function instead of the traditional mechanical knobs for quick measurement.



**Data Log**  
**Touch Keys**  
**Dual Display**  
with Analog Bargraph  
**Auto Range**

#### Features

Duty Cycle • Relative Reference • Backlight • Max. Min. Hold • Data Hold • Continuity Test • Diode Test • Low Battery Indication • Auto Power Off

Specification	
DCV	600m/6/60/600V ±(0.5%+4d), 1000V ±(1.0%+4d)
ACV	6/60/600V ±(0.8%+10d), 750V ±(1.0%+6d)
DCA	60m/600mA ±(1.0%+10d), 6/10A ±(1.2%+10d)
ACA	60m/600mA ±(1.5%+10d), 6/10A ±(2.5%+15d)
Resistance	600Ω ±(0.8%+5d), 6k/60k/600k/6MΩ ±(0.8%+4d), 60MΩ ±(1.2%+10d)
Frequency	10/100/1000/10k/100k/1M/20MHz ±(0.3%+2d)
Capacitance	40nF ±(5%+30d), 400n/4μ/40μF ±(3.5%+8d), 200μF ±(5.0%+10d)
Temperature	-20~400°C(0~750°F) ±(1.0%+5d), 400~1000°C(750~1832°F) ±(1.5%+15d)
Power source	AAA(1.5V)×2pcs (Not Included)
Size	185×91×49 mm
Individual packing	Color box
Accessories	Test lead, Temperature probe (K-Thermocouple), PC Interface cable, Software disk, Holster

### MT-1820 3 5/6 Dual Display DMM w/USB Connector

With dual display enabling user to check intuitively changes in the measured signal as an analog meter.



**Data Log**  
**Dual Display**  
with Analog Bargraph  
**Auto Range**  
**hFE Test**

#### Features

• Transistor Test • Duty Cycle • Relative Reference • Backlight • Data Hold • Max./Min. Hold • Continuity Test • Diode Test • Low Battery Indication • Auto Power Off

Specification	
DCV	600m/6/60/600V ±(0.5%+4d), 1000V ±(1.0%+6d)
ACV	6/60/600V ±(0.8%+10d), 750V ±(1.0%+10d)
DCA	600μ/6000μA ±(1.0%+10d), 60m/600mA ±(1.0%+10d), 6/10A ±(1.2%+10d)
ACA	600μ/6000μA ±(1.5%+10d), 60m/600mA ±(1.5%+10d), 6/10A ±(2.0%+15d)
Resistance	600Ω ±(0.8%+5d), 6k/60k/600k/6MΩ ±(0.8%+4d), 60MΩ ±(1.2%+10d)
Frequency	100/1000Hz ±(0.5%+4d), 10k/100kHz ±(0.5%+4d), 1M/30MHz ±(0.5%+4d)
Capacitance	40nF ±(5%+30d), 400n/4μ/40μF ±(3.5%+8d), 200μF ±(5.0%+10d)
Temperature	-20~400°C(0~750°F) ±(1.0%+5d), 400~1000°C(750~1832°F) ±(1.5%+15d)
Power source	AAA(1.5V)×2pcs (Not included)
Size	192×95×48 mm
Individual packing	Color box
Accessories	Test lead, Temperature probe (K-Thermocouple), PC Interface cable, Software disk, Transistor test accessory

**MT-2017 Protective Function Analog Multimeter**

**Overload Protection, Gilded Test Leads, Null DCV**

**CAT II 1000V** **CAT III 500V**  



**Gilded test leads**

Attached 1000V 10A gilded test lead, more stable and reliable

- Comes with foldable stand and hook-up design for convenient use.
- Separately 9V and 1.5V batteries cases, replace battery or fuse more easily.
- Overload protection with two fuses 0.5A & 10A ensures uninterrupted operation and long lifetime.

**Features**

- Transistor hFE Test • Diode Test • LED Test • Continuity with beeper

DCV	0.1/2.5/10/50/250V ±3.0%FSD, 1000V ±4.0%FSD
Null DCV	DC ± 5V / ±25V ±5.0%FSD
ACV	10/50/250V ±4.0%FSD, 1000V±5.0%FSD
DCA	50µ/2.5m/25m/250mA ±3.0%FSD, 10A ±4.0%FSD
Resistance	×1(0.2~2kΩ) / ×10(2~20kΩ) / ×100(20~200kΩ) / ×1k(200~2MΩ) / ×10k(2k~20MΩ) ±4.0%ARC of scale length
Capacitance	C(R×1k): 2000µF(Approx.) Max
Battery check	1.5V/9V
Battery	1.5V AAA x 2pcs and 9V(NEDA1604) x 1pce (Not included)
Size	171x108x37 mm
Individual packing	Color box

**MT-2018 Protective Function Analog Multimeter**

**CAT II 1000V**  



- Overload and mis-used protection via two fuses, oxide varactor & diodes.
- Robust protective holster alongside.
- 20kΩ/V DC & 9 kΩ/V AC input sensitivity.
- Adjustable back tilt device with hook-up design.
- Ideal for using in the fields of lab, school, home applications.

**Features**

- Transistor hFE Test • Diode Test • LED Test

DCV	0.1/0.5/2.5/10/50/250V ±3.0%FSD, 1000V ±4.0%FSD
ACV	10/50/250V ±4.0%FSD, 1000V±5.0%FSD
DCmA	50µA/2.5mA/25mA/250mA ±3.0%FSD
Resistance	×1(0.2~2kΩ) / ×10(2~20kΩ) / ×100(20~200kΩ) / ×1k(200~2MΩ) / ×10k(2k~20MΩ) ±4.0%ARC
Capacitance	C1(R×1k): 2000µF(Approx.), C2(×50µA):0.025µF/0.25µF/25µF ±3.0%FSD(Option MT-2007-C)
Battery Check	1.5V/9V
Front Panel Controls	Range selector switch with "OFF" position, 0Ω adjust knob
Power Source	1.5V AA x 2pcs and 9V(NEDA1604) x 1pce (Not included)
Size	160 x 105 x 40 mm
Individual Packing	Color box

**MT-9906 / MT-9907 Test Lead**

**CAT III 1000V**  



- One pair (one red, one black) comfort grip probes with protective cap for user comfort and safety.
- Durable quality PVC insulated test leads with right-angle shrouded banana plugs.
- Needle tip test probe, allowing easy access of hard to reach test points.
- Compatible with most multimeters that accept safety style sheath banana plugs.

Specifications	MT-9906	MT-9907
Probe	Ø2x17mm	Ø2x17mm
Hand piece	146mm	129mm
Lead length	900mm	900mm
Plug	Ø4.2x15mm	Ø4.2x15mm
OAL	1120mm	1100mm
Weight	78.5g	74g
Individual Packing	Blister card	