



Digital Clampmeters - AC, DC & TRMS

New
Preliminary
Data



3600



3600 AUTO

1200A DC & 1000A AC (TRMS)

3 3/4 Digit 3999 Counts, 40 Segment Bargraph, Auto - Ranging, PEAK HOLD, MAX, Δ ZERO, DATA HOLD functions

Ranges

AC Current 400A, 1000A

Accuracy ±(2.5%rdg + 5dgt) (50-60Hz)

±(3.5%rdg + 5dgt) (40-500Hz)

Overload 1000A AC max. for 1 min.

AC Volt 4V, 40V, 400V, 600V

(auto-ranging)

Accuracy ±(0.75%rdg + 4dgt) (50-60Hz)

±(2%rdg + 4dgt) (40-500Hz)

DC Current 400A, 1200A

Accuracy ±(1.5%rdg + 5dgt) (upto 700A)

±(2%rdg + 5dgt) (700 - 1200A)

Overload 1200 A DC max. for 1 min.

DC Volt 400mV, 4V, 40V, 400V, 600V

(auto-ranging)

Accuracy ±(0.25%rdg + 1dgt)

(400mV - 400V)

±(0.25%rdg + 3dgt) on 600V

Resistance 400Ω, 4kΩ, 40kΩ, 400kΩ, 4000kΩ, 40MΩ

(auto-ranging)

Accuracy ±(0.3%rdg + 5dgt) on 400Ω

±(0.3%rdg + 1dgt) on 4kΩ -

400kΩ

±(0.5%rdg + 1dgt) on 4000kΩ

±(2.0%rdg + 4dgt) on 40MΩ

Capacitance 4nF, 40nF, 400nF, 4μF, 40μF

(auto-ranging)

Accuracy ±(3%rdg + 20dgt) on 4nF

(Use Δ ZERO)

±(3%rdg + 4dgt) on 40nF to 20μF

±(6%rdg + 4dgt)

above 20μF

2000A DC & 2000A AC (TRMS)

3 3/4 Digit 6000 Counts, 60 Segment Bargraph, Auto - Ranging, Δ REL, Hz/Duty, MIN-MAX, Data Hold, Audible Continuity

Ranges

AC Current 600A, 2000A

Accuracy ±(3.5%rdg + 5dgt)

Overload 2000A AC max. for 1 min.

AC Voltage 6V, 60V, 600V (auto-ranging)

Accuracy ±(1%rdg + 6dgt) (50 ~ 60Hz)

±(2%rdg + 4dgt) (40 ~ 500Hz)

Overload 600V DC / AC rms.

DC Current 600A, 2000A

Accuracy ±(2.5%rdg + 5dgt)

Overload 2000A DC max. for 1 min.

Frequency 100Hz, 1kHz, 10kHz,

100kHz,

500kHz (auto-ranging) (For

non distorted waveforms only)

Accuracy ±(0.1%rdg + 2dgt)

Sp. Function Audible Continuity,

Diode Test function

Power One 9 Volt battery, type

Eveready 216 or equivalent.

Battery Life 150 hours (typical)

Low Battery "  " is indicated.

Protection 600VDC or AC rms overload

protection in DCV, ACV,

Diode, Ohms, Hz,

Continuity.

Dimensions 250(H)x100(W)x46(D)mm

Weight 380 gms (approx)

Jaw Opening 55mm max.

Accessories Supplied with a pair of test

leads, carrying case,

battery & Instruction manual

DC Voltage

600mV, 6V, 60V, 600V (auto)

Accuracy ±(0.5%rdg + 5dgt)

Overload 600V DC / AC rms.

Resistance

600Ω, 6kΩ, 60kΩ, 600kΩ,

6MΩ, 60MΩ (auto-ranging)

Accuracy ±(0.3%rdg + 8dgt) 600Ω

±(0.3%rdg + 5dgt) 6-600kΩ

±(0.5%rdg + 5dgt) 6MΩ

±(2%rdg + 5dgt) 60MΩ

Overload 600V DC / AC rms.

Frequency

Accuracy ±(0.1%rdg + 2dgt)

(for non distorted waveforms only)

Overload 200V DC / AC rms.

Capacitance

6nF, 60nF, 600nF, 6μF, 40μF

(auto-ranging)

Accuracy ±(3%rdg + 40dgt) on 6nF

(Use Δ REL)

±(3%rdg + 10dgt) on 60nF

to 6μF

±(6%rdg + 10dgt) on 40μF

Overload 600V DC / AC rms.

Sp. function


Audible continuity,

Diode Test function

Power One 9V Battery, Eveready

Type 216 or Equivalent

Battery Life 150 hours (typical)

Low Battery "  " is Indicated

Over Range "OL" or "-OL" is indicated

Dimensions 250(H)x100(W)x46(D)mm

Weight 380 gms (approx)

Jaw Opening 55mm max.

Accessories

Supplied with a pair of Test

Leads, Battery (fitted-in), Instr.

Manual & Carrying Case



TRMS DMM, DC Clampmeter & Accessories



450-TRMS




3690Auto



Accessories

4½ Digit, 19999 Counts, TRMS Large LCD with APO Ranges

| | |
|-----------------------------------|---|
| DC Voltage | 200mV/2/20/200/1000V |
| Accuracy | ±(0.05%rdg + 3dgt) on all ranges except ±(0.1%rdg + 5dgt) on 1000V |
| AC Voltage ^{TRMS} | 200mV/2/20/200/750V |
| Accuracy | ±(0.8%rdg + 20dgt) on all ranges except ±(1.0%rdg + 50dgt) on 750V |
| DC Current | 20/200mA/10A |
| Accuracy | ±(0.5%rdg + 2dgt) on 20mA ±(0.8%rdg + 5dgt) on 200mA ±(2.0%rdg + 10dgt) on 10A |
| AC Current ^{TRMS} | 20/200mA/10A |
| Accuracy | ±(1.0%rdg + 20dgt) on mA ±(2.0%rdg + 20dgt) on 10A |
| Resistance | 200Ω/2/20/200kΩ/2/20MΩ |
| Accuracy | ±(0.1%rdg + 2dgt) on all ranges except ±(0.1%rdg + 5dgt) on 200Ω ±(0.3%rdg + 10dgt) on 20MΩ |
| Capacitance | 20/200nF/2/20μF |
| Accuracy | ±(2.0%rdg + 10dgt) on all ranges except ±(2.5%rdg + 30dgt) on 20μF |
| Frequency | 20/200kHz |
| Accuracy | ±(1.0%rdg + 20dgt) |
| Sp. Function | Diode Test, Audible Continuity, Data Hold |
| Power | One 9V Battery Eveready Type 216 or equivalent |
| Low Battery | "  " Indicated |
| Battery Life | 150 hours typical |
| Dimensions | 190(H) x 88(W) x 34(D)mm |
| Weight | 270 gms approx. |
| Accessories | Supplied with pair of test leads, battery, instruction manual & holster |

Autoranging 600A AC/DC, Frequency 3¾ Digit 3999 Counts, Data Hold, Audible Continuity, Δ Zero Button (for DCA)

| | |
|-------------------|--|
| Ranges | |
| AC Current | 400A, 600A |
| Accuracy | ±(1.75%rdg + 5dgt) (50 ~ 60Hz) ±(3.5%rdg + 5dgt) (40 ~ 500Hz) |
| Overload | 600A AC max. for 1 min. |
| AC Voltage | 4V, 40V, 400V, 600V |
| Accuracy | ±(1.2%rdg + 4dgt) (50 ~ 60Hz) ±(2%rdg + 25dgt) (40 ~ 500Hz) ±(4%rdg + 5dgt) for 600V |
| Overload | 600V DC or 600V AC rms. |
| DC Current | 400A, 600A |
| Accuracy | ±(1.5%rdg + 5dgt) for 400A ±(2%rdg + 5dgt) for 600A |
| Overload | 600A DC max. for 1 min. |
| DC Voltage | 400mV, 4V, 40V, 400V, 600V |
| Accuracy | ±(0.5%rdg + 8dgt) (400mV to 400V) ±(0.7%rdg + 2dgt) for 600V |
| Overload | 600V DC or 600V AC rms. |
| Resistance | 400Ω, 4kΩ, 40kΩ, 400kΩ, 4MΩ, 40MΩ |
| Accuracy | ±(0.75%rdg + 8dgt) 400Ω to 400kΩ ±(1%rdg + 6dgt) 4MΩ ±(2%rdg + 4dgt) 40MΩ |
| Overload | 600V DC / AC rms. |
| Frequency | 100Hz, 1KHz, 10KHz, 100KHz, 500KHz |
| Accuracy | ±(0.3%rdg + 2dgt) |
| Overload | 200V DC or AC rms. |
| Duty Cycle | 1% to 90 % |
| Accuracy | ±(0.5%rdg + 5dgt) |
| Overload | 200V DC or AC rms. |

K Type Bead Probe (upto 260°C) Model : TPK-B



K Type Stick Probe (upto 500°C) Model : TP-02




Pair of Test Leads suitable for DMM/DTT Model : TL-DMM/DTT



Pair of Test Leads suitable for Insulation Tester Model : TL-IT



| | |
|---------------------|--|
| Sp. function | Audible continuity, Diode Test function |
| Power | Two 1.5V AAA size battery |
| Battery Life | 150 hours (typical) |
| Low Battery | "  " is Indicated |
| Over Range | "OL" or "-OL" is indicated |
| Dimensions | 215(H)x80(W)x40(D)mm |
| Weight | 280 gms (approx) |
| Jaw Opening | 30mm max. |
| Accessories | Supplied with a pair of Test Leads, Battery (fitted-in), Instr. Manual & Carrying Case |