

KT116 Digital Multimeter



PRODUCT DATA SHEET

KT116

DIGITAL MULTIMETER

- Measures AC/DC current up to 10A
- Measures AC/DC voltage up to 600V
- Auto ranging
- MIN/MAX memory for continuous testing
- Temperature measurement
- Data hold memory function
- Frequency
- Diode test feature
- Capacitance test feature
- Continuity buzzer
- Resistance measurement
- Bar graph indication
- Display: 6000 counts
- Sleep feature to save batteries
- Complies with IEC61010-1 CAT. III 300V / CAT. II 600V



ACCESSORIES

- Test leads
- Batteries
- Instruction Manual
- Temperature probe
- Certificate of conformity

OPTIONAL

- KEW8112 Clamp adaptor for digital multimeters
- Calibration Certificate

SPECIFICATIONS

DC V	600.0mV / 6.000 / 60.00 / 600.0 / 600V (Input Impedance: 10M Ω, 100M Ω only 600mV) ±0.5%±2dgt (600.0mV / 6.000 / 60.00 / 600.0V) ±0.8%±3dgt (600V)
AC V	6.000 / 60.00 / 600.0 / 600V (Input Impedance: 10M Ω) ±1.0%±3dgt (6.000 / 60.00 / 600.0V) ±1.5%±3dgt (600V)
DC A	600 / 6000μA / 60 / 600mA / 6 / 10A ±1.2%±3dgt (600 / 6000μA / 60 / 600mA) ±2.0%±5dgt (6 / 10A)
AC A	600 / 6000μA / 60 / 600mA / 6 / 10A ±1.5%±4dgt (600 / 6000μA / 60 / 600mA) ±2.2%±5dgt (6 / 10A)
Ω	600Ω / 6 / 60 / 600kΩ / 6 / 60MΩ ±1.0%±2dgt (600 Ω / 6 / 60 / 600kΩ / 6MΩ) ±2.0%±3dgt (60M Ω)
Continuity buzzer	0~600 Ω (Buzzer sounds below 100 Ω)
Diode Check	2.8V Release Voltage: Approx. 0.4mA Test Current
Capacitance	40 / 400nF / 4 / 40 / 400 / 4000μF
Frequency	10 / 100 / 1000Hz / 10 / 100 / 1000kHz / 10MHz
DUTY	0.1~99.9% (Pulse width/Pulse period) ±2.0%±2dgt (~10kHz)
Temperature	-50~300°C (-58~572°F) (with the use of Temperature probe 8216) Note: KEW 1011 can measure max. 700°C In order to measure over 300°C, please use a K-type temperature probe available in the market.
Display	6040 Counts
Withstand Voltage	AC 3700V / 1min
Reading Type	Averaging
Applicable Standard	IEC 61010-1 CAT.III 300V Pollution degree 2 IEC 61010-1 CAT.II 600V Pollution degree 2 IEC 61010-031 IEC 61326
Power Source	R6P(1.5V) × 2 (Auto-power-OFF within 15 minutes)
Dimensions	161(L) × 82(W) × 50(D)mm
Weight	Approx. 280g