

KEWTECH

KT116

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



SPECIFICATIONS

DC V	600.0mV / 6.000 / 60.00 / 600.0 / 600V (Input Impedance: 10M Ω , 100M Ω only 600mV) $\pm 0.5\% \pm 2\text{dgt}$ (600.0mV / 6.000 / 60.00 / 600.0V) $\pm 0.8\% \pm 3\text{dgt}$ (600V)
AC V	6.000 / 60.00 / 600.0 / 600V (Input Impedance: 10M Ω) $\pm 1.0\% \pm 3\text{dgt}$ (6.000 / 60.00 / 600.0V) $\pm 1.5\% \pm 3\text{dgt}$ (600V)
DC A	600 / 6000 μ A / 60 / 600mA / 6 / 10A $\pm 1.2\% \pm 3\text{dgt}$ (600 / 6000 μ A / 60 / 600mA) $\pm 2.0\% \pm 5\text{dgt}$ (6 / 10A)
AC A	600 / 6000 μ A / 60 / 600mA / 6 / 10A $\pm 1.5\% \pm 4\text{dgt}$ (600 / 6000 μ A / 60 / 600mA) $\pm 2.2\% \pm 5\text{dgt}$ (6 / 10A)
Ω	600 Ω / 6 / 60 / 600k Ω / 6 / 60M Ω $\pm 1.0\% \pm 2\text{dgt}$ (600 Ω / 6 / 60 / 600k Ω / 6M Ω) $\pm 2.0\% \pm 3\text{dgt}$ (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 / 4000 μ F
Frequency	10 / 100 / 1000Hz / 10 / 100 / 1000kHz / 10MHz
DUTY	0.1–99.9% (Pulse width/Pulse period) $\pm 2.0\% \pm 2\text{dgt}$ (~10kHz)
Temperature	-50–300 $^{\circ}$ C (-58–572 $^{\circ}$ F) (with the use of Temperature probe 8216) Note: KEW 1011 can measure max. 700 $^{\circ}$ C In order to measure over 300 $^{\circ}$ 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) \times 2 (Auto-power-OFF within 15 minutes)
Dimensions	161(L) \times 82(W) \times 50(D)mm
Weight	Approx. 280g

ACCESSORIES

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

OPTIONAL

- KEW8112 Clamp adaptor for digital multimeters
- Calibration Certificate