

# KEWTECH

## KT117

### PRODUCT DATA SHEET

#### KT117

#### DIGITAL MULTIMETER

- TRUE RMS
- Measures AC/DC current up to 10A
- Measures AC/DC voltage up to 600V
- Auto ranging
- MIN/MAX memory for continuous testing
- 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
- 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: 10MΩ, 100MΩ 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: 10MΩ) ±1.5%±5dgt (6.000V) ±1.2%±3dgt (60.00 / 600.0V) ±1.5%±5dgt (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 (600Ω / 6 / 60 / 600kΩ / 6MΩ) ±2.0%±3dgt (60MΩ)
Continuity buzzer	0–600Ω (Buzzer sounds below 100Ω)
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)
Display	6040 Counts
Withstand Voltage	AC 3700V / 1min.
Reading Type	TRMS
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