KEWTECH

KT115
Digital Multimeter



PRODUCT DATA SHEET

KT115
DIGITAL MULTIMETER

- Measures AC/DC current up to 10A
- Measures AC/DC voltage up to 600V
- Diode test feature
- Capacitance test feature
- Resistance measurement
- Continuity buzzer
- Data hold memory function
- Auto and manual ranging
- Display: 4000 counts
- Sleep feature to save batteries
- Complies with IEC61010-1 CAT. III 300V/ CAT. II 600V

ACCESSORIES

- Test leads
- Batteries
- Instruction Manual

OPTIONAL

- KEW8112 Clamp adaptor for digital multimeters
- Calibration Certificate

SPECIFICATIONS

Range			Measuring Range	Accuracy
DC V		400mV	0~600A (5 Autoranging) Input impedance approx. 10MΩ	±0.6% rdg ± 4dgt
		40V		
		400V		
		600V		±1.0% rdg ± 4dgt
AC V		400mV	20~399.9mV Input impedance approx. 10MΩ	±1.6% rdg ± 4dgt (50/60Hz) ±2.0% rdg ± 4dgt (~400Hz)
		4V	0~600V (4 Autoraning) Input impedance approx. 10MΩ	±1.3% rdg ± 4dgt (50/60Hz) ±1.7% rdg ± 4dgt (~400Hz)
		40V		
		400V		±1.6% rdg ± 4dgt (50/60Hz) ±2.0% rdg ± 4dgt (~400Hz)
		600V		
DC A		400 µA	0~400mA (2 Autoranging)	±2.0% rdg ± 4dgt
		4000 µA		
		40 mA	0~400mA (2 Autoranging)	±1.0% rdg ± 4dgt
		400 mA		
		4 A	0~10mA (2 Autoranging)	±1.6% rdg ± 4dgt
		10 A	Allowable measurement time: 10A (15 seconds max)	
DC A		400 µA	0~400µA (2 Autoranging)	±2.6% rdg ± 4dgt (50/60Hz) ±3.0% rdg ± 4dgt (~400Hz)
		4000 µA		
		40 mA	0~400mA (2 Autoranging)	±2.0% rdg ± 4dgt (50/60Hz) ±2.4% rdg ± 4dgt (~400Hz)
		400 mA		
		4 A	0~10A (2 Autoranging)	±1.6% rdg ± 4dgt
		10 A	Allowable measurement time: 10A (15 seconds max)	
Ω	Resistance	400Ω	0~40M Ω (6 Autoranging)	±1.0% rdg ± 4dgt
		4kΩ		
		40kΩ		
		400kΩ		
		4MΩ		
		40MΩ		±2.0% rdg ± 4dgt
	Diode check		Test current approx. 0.4MΩ	Unspecified
	Continuity Check		0~400 Ω	Buzzer beeps below about 70Ω
Capacity		40nF	~100µF (5 Autoranging)	±3.5% rdg ± 10dgt
		400nF		±3.0% rdg ± 5dgt
		4µF		
		40µF		±3.5% rdg ± 5dgt
		100µF		
Frequency		5.12Hz	~10MHz (8 Autoranging) Input sensitivity: ~1MHz/more than 1.5V (RMS) over 1MHz/more than 2V (RMS)	±0.1% rdg ± 5dgt
		51.2Hz ~10MHz		
		512Hz		
		51.2kHz		
		512kHz		
		10MHz		
		DUTY	0.1~99.9% (Pulse width/Pulse period)	±2.5% rdg ± 5dgt
Reading Type		Averaging		