

# Digital Multimeters (Handy Type)

## High Cost Performance, Temperature Measurement (KU-2602)



### KU-2600/KU-2602

#### FEATURES

- Temperature Measurement. (Temperature Probe is provided) (KU-2602)
- Tilt Stand and Test Lead Holder on rear side.
- Display Hold, Range Hold functions.
- Auto Power Off, Reset functions.

#### SPECIFICATIONS

- Display : 4000 count LCD  
 Sampling Rate : 2 times / sec  
 Range Selection : Auto / Manual Ranging  
 Power Supply : 1.5V R6P or AA Batteries (x 2)  
 Fuse : F14 (0.5A/250V) x 1  
           F17 (10A/250V) x 1  
 CE Mark : CAT II 600V, CAT III 300V compliant  
 Dimensions : 155(H) x 75(W) x 29(D) mm  
 Weight : 180g  
 Accessories : Holster, 100-50 Test Leads (x 1 set)  
                   818-02 Temperature Probe (x 1)(KU-2602)  
                   1.5V R6P Batteries (x2 & spare)  
                   Spare Fuses F14 (0.5A/250V) &  
                   F17 (10A/250V) x 1 each

#### OPTIONAL ACCESSORIES

- 660 AC / DC Clamp Adapter
- 817-03 to 817-25 Temperature Probes (KU-2602)
- 100-41 Test Lead Kit
- 100-62 Test Lead Set
- 940 Alligator Clips
- 948 Alligator Clips
- 793 Coil-Type Contact Pin
- 995 Carrying Case

#### KU-2600

	Range	Resolution	Accuracy	Input Impedance
DC Voltage	400mV	100 $\mu$ V	$\pm 0.5\%rdg \pm 4dgt$	$\geq 100M\Omega$
	4V/40V	1mV/10mV	$\pm 0.5\%rdg \pm 5dgt$	$\approx 10M\Omega$
	40V/600V	100mV/1V	$\pm 1.0\%rdg \pm 4dgt$	
	400mV	0.1mV	$\pm 4.0\%rdg \pm 8dgt$	
AC Voltage	4V/40V	1mV/10mV	$\pm 1.2\%rdg \pm 5dgt$	$\approx 10M\Omega$
	40V	100mV	$\pm 1.2\%rdg \pm 5dgt$	
	600V	1V	$\pm 1.5\%rdg \pm 5dgt$	
DC Current	40mA	10 $\mu$ A	$\pm 2.0\%rdg \pm 4dgt$	Voltage Drop 200mV
	400mA	100 $\mu$ A	$\pm 2.5\%rdg \pm 4dgt$	2.2V MAX
	10A	10mA	$\pm 2.5\%rdg \pm 4dgt$	200mV
				200mV
AC Current	40mA	10 $\mu$ A	$\pm 2.5\%rdg \pm 5dgt$	200mV
	400mA	100 $\mu$ A	$\pm 2.5\%rdg \pm 5dgt$	2.2V MAX
	10A	10mA	$\pm 3.0\%rdg \pm 5dgt$	200mV
Resistance	400 $\Omega$ /4k $\Omega$	0.1 $\Omega$ /1 $\Omega$	$\pm 1.0\%rdg \pm 3dgt$	
	40k $\Omega$ /400k $\Omega$	10 $\Omega$ /100 $\Omega$	$\pm 1.0\%rdg \pm 3dgt$	
	4M $\Omega$ /40M $\Omega$	1k $\Omega$ /10k $\Omega$	$\pm 1.8\%rdg \pm 3dgt$	
			Open Circuit Voltage : Approx. 0.44V	
Frequency	9.999Hz to 9.999MHz	0.01Hz to 1.0kHz	$\pm 0.2\%rdg \pm 1dgt$	
Duty Cycle	0% to 99.9%	0.1%	$\pm 0.2\%rdg \pm 2dgt$	
Continuity Test	400 $\Omega$ (Buzzer Sound : Approx. 50 $\Omega$ or less)			
Diode Test	4V	$\pm 5.0\%rdg \pm 3dgt$		
	Open Circuit Voltage : $\leq 1.5V$			
Capacitance	0.1nF to 40nF / 40nF to 40 $\mu$ F / 40 $\mu$ F to 200 $\mu$ F			
		$\pm 3.0\%rdg \pm 5dgt$		
Functions	Difference, Range Hold, Display Hold, Auto Power Off, Reset			

#### KU-2602

	Range	Resolution	Accuracy	Input Impedance	
DC Voltage	400mV	0.1mV	$\pm 0.5\%rdg \pm 5dgt$	$\geq 100M\Omega$	
	4V	1mV		$\approx 11M\Omega$	
	40V	10mV			
	400V	100mV	$\approx 10M\Omega$		
	600V	1V	$\pm 0.8\%rdg \pm 5dgt$		
AC Voltage	400mV	0.1mV	$\pm 1.2\%rdg \pm 5dgt$	$\approx 11M\Omega$	
	4V	1mV			
	40V	10mV		$\pm 0.8\%rdg \pm 5dgt$	
	400V	100mV	$\approx 10M\Omega$		
	600V	1V	$\pm 1.2\%rdg \pm 5dgt$		
DC Current	400 $\mu$ A/4000 $\mu$ A	0.1 $\mu$ A/1 $\mu$ A	$\pm 1.5\%rdg \pm 5dgt$	Voltage Drop 40mV/400mV	
	40mA/400mA	10 $\mu$ A/100 $\mu$ A		70mV/700mV	
	4A/10A	1mA/10mA		500mV/1.4V	
	AC Current	400 $\mu$ A/4000 $\mu$ A	0.1 $\mu$ A/1 $\mu$ A	$\pm 2.0\%rdg \pm 5dgt$	40mV/400mV
		40mA/400mA	10 $\mu$ A/100 $\mu$ A		70mV/700mV
4A/10A		1mA/10mA	500mV/1.4V		
Resistance		Range	Resolution	Accuracy	Test Current
		400 $\Omega$	0.1 $\Omega$	$\pm 1.0\%rdg \pm 5dgt$	$\leq 0.3mA$
	4k $\Omega$	1 $\Omega$	$\leq 40 \mu A$		
	40k $\Omega$	10 $\Omega$	$\leq 4 \mu A$		
	400k $\Omega$	100 $\Omega$	$\leq 0.4 \mu A$		
4M $\Omega$	1k $\Omega$	$\leq 40nA$			
	40M $\Omega$	10k $\Omega$	$\pm 2.0\%rdg \pm 5dgt$		
Open Circuit Voltage : Approx. 0.44V					
Temperature	Range	Resolution	Accuracy	Sensor	
	0 $^{\circ}$ C to 40 $^{\circ}$ C	1 $^{\circ}$ C	$\pm 3^{\circ}$ C	Built-in	
	-20 $^{\circ}$ C to 200 $^{\circ}$ C		$\pm 0.75\%rdg \pm 3^{\circ}$ C	External	
	200 $^{\circ}$ C to 500 $^{\circ}$ C		$\pm 1.5\%rdg \pm 3^{\circ}$ C		
Frequency	9.999Hz to 9.999MHz	0.01Hz to 1.0kHz	$\pm 0.02\%rdg \pm 5dgt$		
Duty Cycle	0.1% to 99.9%	0.1%	$\pm 2\%rdg \pm 5dgt$		
Continuity Test	400 $\Omega$ (Buzzer Sound : Approx. 60 $\Omega$ or less)				
Diode Test	4V	$\pm 5.0\%rdg \pm 3dgt$			
	Open Circuit Voltage : $\leq 1.5V$				
Capacitance	4 / 40 / 400nF / 4 / 40 / 200 $\mu$ F				
		$\pm 2.0\%rdg \pm 5dgt$			
Functions	Difference, Range Hold, Display Hold, Auto Power Off, Reset				

#### Features of KU-2600/KU-2602

##### Standard hand-held Digital Multimeter

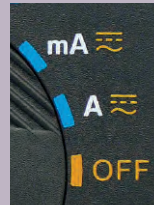
Easy to carry around to any measuring field.



##### Color-coded Range Switch

Helps your range selecting with color-coding switches.

Example:  
Press SELECT key (colored yellow) to select AC or DC in mA or A measuring ranges.



##### Test-Lead-Fixable Rubber Holster

No need to find the place to set the Digital Multimeter in measuring field. KU-2600/2602 allows quick measurement holding the unit in hand.

