

DIGITAL MULTIMETER

CD732

APPLICATIONS AND FEATURES

This meter is a portable digital multimeter desired for measurements of weak, low-capacity electrical circuitry. It is not only a powerful tool for measuring small communications equipment, home appliances, lamp line circuits and batteries but can also be used in circuit analyses by using the additional functions.

- Main unit case and the circuit boards are made of fire-retarding materials
- Wide range of capacitance (0.01nF to 3999 μ F)
- Continuity confirmed by the buzzer and red LED lamp
- Auto power save: Power save about 16 minutes after no operation
- Range hold and Data hold
- 6 · 15A measurement terminal provided with a safety cover for preventing erroneous insertion
- Holster for holding the test lead or hanging it from the wall

SPECIFICATIONS

	Measuring range	Best accuracy	Resolution	Input impedance
DCV	600m/6/60/600/1000V	$\pm (0.5\%+2)$	0.1mV	DCV: 10M \sim 100M Ω
ACV	6/60/600/750V	$\pm (1.2\%+5)$	0.001V	ACV: 10M \sim 11M Ω
DCA	600 μ /6000 μ /60m/600m/6/15A	$\pm (1.5\%+3)$	0.1 μ A	
ACA	600 μ /6000 μ /60m/600m/6/15A	$\pm (1.8\%+5)$	0.1 μ A	
Resistance	600/6k/60k/600k/6M/60M Ω	$\pm (1.2\%+4)$	0.1 Ω	
Capacitance	40n/400n/4 μ /40 μ /400 μ /4000 μ F	$\pm (5.0\%+6)$	0.01nF	
Frequency	9.999/99.99/999.9/9.999k/99.99kHz	$\pm (0.5\%+3)$		
Duty cycle	20 \sim 80%	$\pm (0.5\%+5)$		
Continuity	Buzzer sounds and LED lights up at between 10 Ω and 60 Ω Open voltage: approx. 0.63V			
Diode test	Open voltage: approx. 2.7V			
Display	6000 count			
Range selection	Auto and Manual			
Over-range indication	"OL" shown in numerical part (DC/AC 15A, DC 1000V, and AC 750V excluded)			
Polarity indication automatic selection	"- " indicated only when negative input			
Sampling rate	3 times / sec Bar graph: 30 times / sec			
Guaranteed accuracy temperature and humidity range	23 $^{\circ}$ C \pm 5 $^{\circ}$ C, below 80%RH No condensation			
Operating temperature / humidity	5 $^{\circ}$ C \sim 40 $^{\circ}$ C, 80%RH(max) No condensation			
Storage temperature / humidity	-10 $^{\circ}$ C \sim 50 $^{\circ}$ C, below 70%RH No condensation			
Environmental condition	Altitude 2000m or below, pollution degree II			
Power consumption	7mW at DCV			
Continuous use time	About 400 hours at DCV			
Safety standards	IEC61010-1 CAT.III 600V / CAT. II DC 1000V, AC 750V			
Bandwidth	45 \sim 500Hz			
Fuse	0.4A/1000V 30kA ϕ 6.3x32mm 16A/1000V 30kA ϕ 10x38mm			
Battery	R6 x 2			
Size / Mass	H167 x W90 x D48mm / 320g			
Standard accessories included	Test lead (TL-25a), Holster (H-70), Instruction manual			



A battery for monitoring has been installed prior to shipment from the factory. It may be discharged before the expiration of the described battery life. This battery is used to check the functions and performance of the product. Specifications and external appearance of the product described above may be revised for modification without prior notice.

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