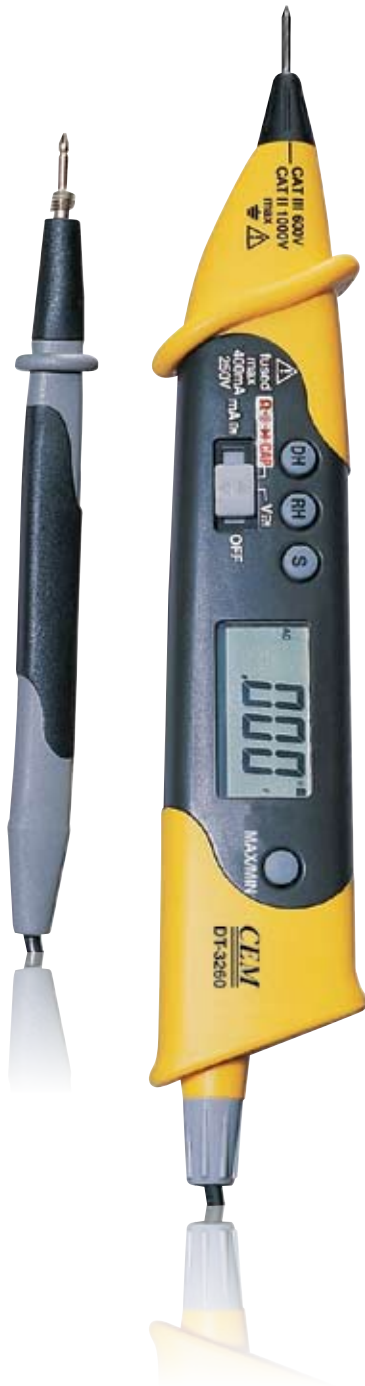




DT-3260

SMART PEN TYPE DIGITAL MULTIMETER

Safety Instructions

Input Limits	
Function	Maximum Input
VDC, VAC	600V DC or AC
mADC/AC	600mA DC or AC
Resistance, Capacitance, Diode test, Continuity	250V DC/AC

General Specifications

The instrument complies with	EN61010-1
Insulation	Class2, Double insulation
Overvoltage category	CATIII 600V, CATII 1000V
Display	6000 counts LCD display with function indication
Polarity	Automatic. <-> negative polarity indmon
Over range	"01:" mark indication
Danger symbol	" " mark indication when the reading is exceeding 30V in ACV or DCV
Low battery indication	The "BAT" is displayed when the battery voltage drops below the operating level
Measurement rate	3 times per second (voltage mode)
Auto scan mode	The meter automatically selects the proper mode and range
Auto power off	Meter automatically shuts down after approx. 10 minutes of inactivity
Operating environment	0°C to 50°C (32°F to 122°F) at <70% relative humidity
Storage temperature	-20°C to 60°C (-4°F to 140°F)
For inside use, max height	at <80% relative humidity
Pollution degree	2000m
Power	2 (Two 1.5V button batteries, NEDA)
Dimensions	1604, IEC 6F22
Weight: Approx.	230(H) X 35(W) X 20(O) mm Approx.: 200g.

Electrical Specifications

Electrical Characteristics for Scan Mode

Parameter	Test Condition	TypValue
AC/DC voltage scan mode sensitivity @1 KHz	10Mn Input impedance	400mV
RDC scan mode CAP sensitivity		400pF
RDC scan mode DIODE sensitivity	Forward voltage	0.5V

Accuracy is given at 18°C to 28°C (65°F to 83°F), less than 70% RH

DC Voltage (Auto-ranging)

Range	Resolution	Accuracy
600.0mV	0.1mV	±1.2% of rdg ± 5 dgts
6.000V	1mV	±1.5% of rdg ± 5 dgts
60.00V	10mV	
600.0V	100mV	

Input Impedance : 10Mn.

Maximum Input : 600V de or 600V ac rms.

AC Voltage (Auto-ranging above 600mV)

Range	Resolution	Accuracy
600.0mV	0.1mV	±1.5% of rdg ± 30 dgts
6.000V	1mV	±1.5% of rdg ± 3 dgts
60.00V	10mV	±2.0% of rdg ± 3 dgts
600.0V	100mV	

Input Impedance : 10Mn.

Frequency Range : 50 to 400Hz

Maximum Input : 600V de or 600V ac rms.

Note : The accuracy can not be assuring with the u600.0mvu range when the frequency range of AC Voltage is larger than 60Hz.

Electrical Specifications

DC Current (Auto-ranging for uA and mA)

Range	Resolution	Accuracy
60.00mA	10uA	±1.5% of rdg ± 5 dgts
600.0mA	100uA	

Overload Protection : 0.8A/250V Fuse.

Maximum Input : 600mA de or 600mA ac rms on mA ranges.

AC Current (Auto-ranging for uA and mA)

Range	Resolution	Accuracy
60.00mA	10uA	±2.0% of rdg ± 5 dgts
600.0mA	100uA	

Overload Protection : 0.8A/250V Fuse.

Frequency Range : 40 to 400 Hz

Maximum Input : 600mA de or 600mA ac rms on mA ranges.

Resistance (Auto-ranging)

Range	Resolution	Accuracy
600.0Ω	0.1 Ω	±1.2% of rdg ± 4 dgts
6.000k Ω	1 Ω	±1.0% of rdg ± 2 dgts
60.00k Ω	10 Ω	
600.0k Ω	100 Ω	±2.0% of rdg ± 2 dgts
6.000M Ω	1k Ω	
60.00M Ω	10k Ω	±2.5% of rdg ± 3 dgts

Input Protection : 250V de or 250V ac rms.

Capacitance (Auto-ranging)

Range	Resolution	Accuracy
6.000nF	1pF	±5.0% of rdg ± 50 dgts
60.00nF	10pF	±5.0% of rdg ± 7 dgts
600.0nF	0.1nF	
6.000uF	1nF	±3.0% of rdg ± 5 dgts
60.00uF	10nF	
600.0uF	0.1uF	±5.0% of rdg ± 5 dgts
6.000mF	1uF	±5.0% of rdg ± 5 dgts
10.00mF	10uF	±10.0% of rdg ± 5 dgts

The 6.000mF and 10.00mF range is not available for scan mode.

Input Protection : 250V de or 250V ac rms.

Accessories

Carrying Case, Testing Leads, Temperature Probe, Battery, Instruction Manual and Test Certificate.



Diode Test

Test current	Resolution	Accuracy
0.3mA typical	1 mV	±10% of rdg ±5 dgts

Open circuit voltage : 2V DC typical. Beeper on : ≤30mv.

Overload protection : 250V DC or AC rms.

Audible continuity

Audible Threshold: Less than 30Ω Test current: <0.3mA

Overload protection: 250V dc or ac rms

Range

To switch the meter from AUTO-RANGING to MANUAL RANGING Modes and vice versa

Data Hold

To "freeze" a measurement for later reference.

MAX/MIN Record

It records the Maximum and Minimum Values