

Model: DT-9927

Waterproof Universal Instrument

【 description 】

DT-9927 have double plastic shell design and IP67 waterproof function, for more safety measure to provide the safeguard. This table with CAT III 1000 V and CAT IV 600 V, IEC 61010 to the safety index. According to the moment of the pulse risk factors, IEC 61010 security index are divided into four types (CAT I ~ IV). CAT III, pens and apply to the type of usually demand is not very high voltage level of measuring equipment. CAT IV type of pens and used in outdoor voltage level required high measuring (such as high altitude or underground facilities).

【 product characteristics 】

1. With CAT III 1000 V and CAT IV 600 V, IEC 61010 to the safety index;
2. 6000 a back light digital display;
3. The article simulated instructions function;
4. Relative mode;
5. Data storage, minimum and maximum values keep mode of measurement are more convenient;
6. Automatic range;
7. The automatic shutdown and low battery indicator function it can extend battery cycle, also can timely remind users replace low power battery;
8. Sampling speed: usually 2 times per second;
9. Wide range of capacitance measurement.

【 The technical indexes 】

Function	Max. Range	Accuracy	9926	9927	9927T
Voltage DC	1000V	±0.09%	*	*	*
Voltage AC	1000V	±0.8%	*	*	*
Current DC	10A	±1.0%	*	*	*
Current AC	10A	±1.5%	*	*	*
Resistance	60MΩ	±0.3%	*	*	*
Temperature	760°C / 1400°F	±3.0%		*	*
Duty Cycle	99.9%	±1.2%	*	*	*
Frequency	10MHz	±0.1%	*	*	*
capacitance	1000μF	±3.0%		*	*
Diode and Continuity	Yes				
Size (H*W*D)	182mm*82mm*55mm				
Weight	360g				

Security level: meet CAT III 1000 V and CAT IV 600 V, IEC 61010 to the safety index

Around the protection: second injection molding, waterproof

Concussion drop test: 6.5 feet (2 meters)

Diode test: test current maximum 0.9 mA, open voltage 2.8 V DC typical values

Short circuit bees test: if the resistance less than about 100, less than 0.35 mA test current generated buzz

The temperature sensor: K thermocouple type

Input impedance: > 10 M Ω dc/ac voltage

Communication response: equal

The ac voltage frequency width: 40 Hz to 1000 Hz

Wave factors: 500 V, wave factors than 3100 0 V wave factors than when reduced to 1.5

Display: 6000 a backlit LCD display light beam with simulation

Super range tip: shows "OL"

The automatic shutdown: about 15 minutes without any operations

Polarity: automatic (positive no display); Negative display ()

Measuring rate: normally 2 times per second

Low voltage hint: the battery voltage inadequate tip

Battery: a gold 9 V (NEDA 1604) battery

The fuse: mA, μ A range; 0.5 A / 1000 V porcelain pipe speed for A fuse file range; 10 A / 1000 V porcelain pipe fast fuse

Operating temperature: 5 ~ 40 $^{\circ}$ C (41-104 $^{\circ}$ F)

Storage temperature:-20 ~ 60 $^{\circ}$ C (140 $^{\circ}$ F-4 ~)

Operation humidity: 31 $^{\circ}$ C (87 $^{\circ}$ F), maximum of 80%, in 40 $^{\circ}$ C (104 $^{\circ}$ F) to 50%

Storage humidity: < 80%

Indoor use: the highest elevation of 7000 feet (2000 meters)

Size: 187 x81x50 mm

Weight: 342 g

【 The security tip 】

1. Use this form, please follow instructions hint, do not put the measured value of the input beyond the scope of the allowed by the range.
2. In high voltage measurement circuit, please strict attention to individual and the safety equipment protective measures.
3. If the negative port (COM) voltage is greater than the 1000 V above ground voltage, do not test voltage.
4. Measuring voltage, not on knob on current, resistance, diode files, or you will damage the instrument.
5. Conduct resistance test or a diode, disconnect the power supply and the capacitance discharge.
6. Open the back cover, replacing the fuse or before the battery, please shut off the power and take pens and under.
7. In the battery cover and fuse cover before the close, please do not use this instrument.
8. Please follow the instructions of the instructions to make the measurement, it may be weakened or lost instrument for you to provide protection.

【 The application 】

Can be widely used in the family, production enterprises, scientific research, mechanical maintenance and other areas of electric power test.





【 packing list 】

Digital multimeter * 1, the instruction for use * 1, warranty card * 1, test, pens and * 2, K type temperature socket * 1, K type temperature probe * 1, 9 V battery * 1, color box * 1





CE

Auto Power Off

IP67
Waterproof



10A

20A for 30 sec MAX
every 15 min



V Ω CAP
 \rightarrow Hz %
Temp

CAT IV 600V
CAT III 1000V



μA
mA

FUSED
MAX 300mA

COM



CEM 华盛昌