



DT-970/971/972/973

970/971/972/973 are the new Professional Digital Multimeters which provide much safer measurements with double molded plastic housing design and IP67 waterproof function. 972/973 performance like datalogger & True RMS AC voltage and current measurements, 50,000 counts resolution and a 0.03% basic DC accuracy within the reach of more customers.

The large LCD display with analog bargraph and backlit ensure that readings are easy to read under all circumstances.

All inputs are protected to EN 610101-1
CATIV 600V/CATIII 1000V

Safety Conformance

- EN61010-1 CAT IV 600V, CAT III 1000V
- 1000V input protection on all ranges
- 10A/1000V & 0.5A/1000V fuses protection on current ranges



Features				
	970	971	972	973
50,000 counts high resolution (0.01mV, 0.01μA, 0.01Ω)			*	*
Larger 50000 counts display with bargraph	6000 counts LCD display	6000 counts LCD display	Negativity LCD Display	OLED Display
AC+DC Measurement	*	*	*	*
9999 Readings memories		*	*	*
AC bandwidth (voltage/current)	3kHz	3kHz	10kHz	10kHz
Analog bargraph/segment	*/60	*/60	*/60	*/60
True RMS measurement	*	*	*	*
1000V input protection on all ranges	*	*	*	*
4-20mA process loop measurements with % reading		*	*	*
Data Hold/MAX/MIN recording mode	*	*	*	*
IP67 Waterproof and Auto Power Off	*	*	*	*
Wide capacitance range	*	*	*	*
Bluetooth interface with Meterbox pro software		*	*	*
Powerful Working light	*	*	*	*
Low pass filter (VFD)	VFD	VFD	LPF	LPF

Specifications			
Function	Max. Range	Max.Resolution	Basic Accuracy
Voltage DC	1000V	10μV	±0.03% (972/973)
Voltage AC	1000V	10μV	±0.5% (970/971)
Current DC	10A	0.01μA	±1.0%
Current AC	10A	0.01μA	±1.0%
Resistance	60MΩ	10mΩ	±1.5%
Duty Cycle	99.9%	0.1%	±1.2
Frequency	10MHz	0.001Hz	±0.1%
Capacitance	60mF	10PF	±3.5%
Temperature	-50°C to 1300°C	0.1°C/°F	±1.0%
	-58°F to 2372°F		
Diode Check	Test current <0.5mA MAX 3V		
Continuity Test			

Accessories:

Test leads, 9V battery, Type K temperature probe, gift box with carrying case and Software