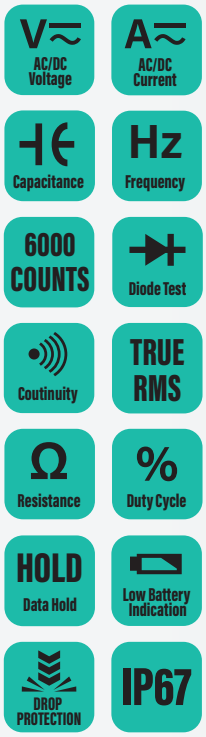
TRADE FORCE®

Any job, anywhere.

True RMS Digital Multimeter for Heavy Duty Industry



Universal Measurement Scope

▸ This multimeter can test AC/DC voltage, AC/DC current, resistance, temperature, capacitance, frequency and continuity.

Smart and User-friendly Design

▸ 6,000 counts display with LCD backlight provides accurate, bright and clear reading surface

▸ Auto power-off and low battery indication

▸ Data hold and max/min measurement function

▸ Diode and continuity buzzer

▸ Auto ranging helps in quick match to the range value of current working circuits automatically

Professional Testing with High Precision and Accuracy

▸ True RMS for precise and effective measurement

▸ Low pass filter for accurate measurement of Variable Frequency Drive (VFD) signals

Safety Guard

▸ Input protection prevents the meter from breakdown and abrasion caused by overvoltage

Reliable Quality

▸ Superior waterproof and dustproof performance with IP67

▸ 2m drop protection

▸ CE qualification

0000690001

EN 61010-1
CAT III 1000V

EN 61010-1
CAT IV 600V

Certificates

CE ROHS Reach



True RMS Digital Multimeter for Heavy Duty Industry

This multimeter can test AC/DC voltage and AC/DC current, resistance, temperature, capacitance, frequency, and continuity.



- 6,000 counts display with LCD back light
- Auto power-off and low battery indication
- Auto ranging supports quick match to the range value of current working circuits
- Precise and fast testing results

General Specifications

Maximum voltage	1000 V	**Input protection**	Yes
Safety Rating (EN60101-1)	CAT III 1000 V CAT IV 600 V	**Data hold function**	Yes
Display	LCD with back light	**Drop proof**	2 m
Instrument counts	6000	**IP rating (dust and water protection)**	IP 67
AC response	True RMS	**Shell material**	ABS + PC, TPE
AC Bandwidth	45 Hz ~ 1 kHz	**Color**	Black / blue
VFD signal	Yes	**Size (L x W x H)**	180 * 82 * 57 mm
Auto ranging	Yes	**Test lead length**	1000 mm
Diode & continuity buzzer	Yes	**Temp probe length**	1000 mm
Min. / max. memory	Yes	**Battery type**	9 V battery
Working environment	Temperature 5 ~ 40 °C, Humidity max 80%	**Battery life**	27 hours with back light 300 hours without back light
Storage environment	Temperature - 20 ~ 60 °C, Humidity max 80%	**Total net weight**	413 g
Operating altitude	< 2000 m	**Accessories**	Test leads, 9 V battery, type-K temperature probe, carrying case, manual
Auto power off	Yes	**Warranty**	2 years
Low battery indication	Yes	**Certifications**	CE, Reach

Function	Range	Best accuracy
DC voltage	60 mV, 600 mV, 6 V, 60 V, 600 V, 1000 V	± (0.5 % + 5 d)
AC voltage	60 mV, 600 mV, 6 V, 60 V, 600 V, 1000 V	± (0.8 % + 3 d)
DC current	600 µA, 6000 µA, 60 mA, 600 mA, 6 A, 10 A	± (1.0 % + 3 d)
AC current	600 µA, 6000 µA, 60 mA, 600 mA, 6 A, 10 A	± (1.5 % + 3 d)
Resistance	600 / 6K / 60K / 600K / 6M / 60M	± (0.8 % + 2 d)
Continuity	600 Ω	Beeper on < 50 Ω，off > 50 Ω; detects opens or shorts of 500 µs or longer
Capacitance	99.99 nF, 999.9 nF, 9.999 µF, 99.99 µF, 999.9 µF, 9.999 mF, 99.99 mF	± (4.0 % + 5 d)
VDF	50.0 V to 700 V	± (4.0 % + 3 d)
Frequency	9.999 Hz - 9.999 MHz	± (0.1 % + 4 d)
Temperature	-40 °C ~ 1000 °C	± (3.0 % + 3 d)
Temperature	-40° F ~ 1832 °F	± (3.0 % + 5 d)