



ORDER CODE **HR000005**

IRONMETER

TRMS

TRMS MULTIMETER
WITH INTEGRATED LED FLASHLIGHT



IRONMETER is a veritable construction site tester with a sturdy casing able to withstand **shocks of all kinds**, always ready to get up after a fall, (even from 10 meters height) and continue to operate with the same accuracy and reliability. It has **all the features required for typical daily usage** but with **integrated LED flashlight** to illuminate in spaces with poor lighting.

Functions

- TRMS Measurements
- AC/DC Voltage
- AC/DC Current
- Resistance/Continuity Test
- Frequency
- Capacitance, Diode test
- Duty cycle
- Built-in flashlight
- Data HOLD, MAX/MIN
- Autorange
- Backlight
- Auto Power OFF

Main features

Power supply:	2x1.5 V batteries type AAA LR03
Display:	4 digit LCD, 4000 pixels
Auto Power OFF	after 15 minutes of non-use
Safety:	IEC/EN61010-1
Measurement category:	CAT III 600V
Level of pollution:	2
Max operating altitude:	2000m
Dimensions (LxWxH):	120x85x45mm
Weight (batteries included):	approximately 200 g



Supplied accessories

KIT4000A Test leads

Batteries, user manual and transport bag



Technical specifications

DC Voltage

- Reading range: 0.1mV ÷ 600V
- Resolution: 0.1mV ÷ 1V
- Standard accuracy: ± (1.0% reading + 3digits)
- Protection: 600VDC/ACrms

AC TRMS Voltage

- Reading range: 1mV ÷ 600V
- Resolution: 1mV ÷ 1V
- Standard accuracy: ± (1.0% reading + 3digits)
- Protection: 600VDC/ACrms

DC Current

- Reading range: 0.1µA ÷ 10A
- Resolution: 0.1µA ÷ 0.01A
- Standard accuracy: ± (1.0% reading + 3digits)
- Protection: F500mA/600V, F10A/600V fuses

AC TRMS Current

- Reading range: 0.1µA ÷ 10A
- Resolution: 0.1µA ÷ 0.01A
- Standard accuracy: ± (1.0% reading + 3digits)
- Protection: F500mA/600V, F10A/600V fuses

Resistance and continuity test

- Reading range: 0.1Ω ÷ 40MΩ
- Resolution: 0.1Ω ÷ 0.01MΩ
- Standard accuracy: ± (1.5% reading + 5digits)
- Continuity test: <50Ω
- Protection: 600VDC/ACrms

Frequency

- Reading range: 10Hz ÷ 10kHz
- Resolution: 0.01Hz
- Standard accuracy: ± (1.2% reading)
- Protection: 600VDC/ACrms

Duty cycle

- Reading range: 0.1% ÷ 99.9%
- Resolution: 0.1%
- Standard accuracy: ± (1.2% reading + 2digits)
- Protection: 600VDC/ACrms

Capacity

- Reading range: 0.01nF ÷ 4000µF
- Resolution: 0.01nF ÷ 1µF
- Standard accuracy: ± (3.0% reading+5digits)
- Protection: 600VDC/ACrms