



ORDER CODE **HR000005**

IRONMETER

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.



จัดจำหน่ายโดย : บริษัท เอฟเวอร์เทค จำกัด

TEL : (02)8702884-5, (02)4289793-5

Email: sales@evertch.co.th

www.evertch.co.th



ORDER CODE **HR000012**

HT12

POCKET DIGITAL MULTIMETER
WITH INTEGRATED AC/DC 60A
FORK CLAMP METER

Model HT12 is a **super compact** digital multimeter capable of carrying out measurements of **Voltage up to 600V, AC/DC current up to 60A** with **integrated clamp sensor** and complementary functions of **Resistance, Continuity test** and **Frequency**. This device has been designed in compliance with **safety standard IEC/EN61010-1** with double protective insulation in **CAT III 300V, CAT II 600V**. Further functions are **Data HOLD** to freeze data on the display and the **Auto Power OFF** function after 10 minutes' idling, in order to preserve the internal battery. The device is housed in a **protective case** which is also used to rewind the test leads.



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



Functions

- DC/AC voltage
- AC/DC current integrated clamp sensor
- Resistance and continuity test with buzzer
- Current and voltage frequency
- Data HOLD
- Automatic / manual selection of measuring range
- Auto Power OFF



Main features

Display:	LCD, 3½ digits, 3400 dots
Power supply:	2x1.5V battery type AAA LR03
Auto Power OFF:	after 10 minutes' idling
Safety:	IEC/EN 61010-1
Measurement category:	CAT III 300V, CAT II 600V
Pollution level:	2
Insulation:	double insulation
Size (LxWxH):	128x87x24mm
Weight (batteries included):	210g



Accessories provided

Anti-shock protection shell	_____
Integrated measuring leads and clamp meter	_____
Batteries and user manual	_____



Technical Specifications

DC voltage

- Measuring range: 0mV ÷ 600V
- Resolution: 0.001mV ÷ 0.1V
- Basic accuracy: ±(1.5%reading + 4digits)
- Protection against overcharge: 720VDC/AC for 10 seconds

AC voltage

- Measuring range: 0V ÷ 600V
- Frequency band: 50Hz ÷ 400Hz
- Resolution: 0,001V ÷ 1V
- Basic accuracy: ±(1.5%reading + 5 digits)
- Protection against overcharge: 720VDC/AC for 10 seconds

AC/DC current integrated clamp sensor

- Measuring range: 0A ÷ 60A
- Resolution: 0.1A
- Frequency range: 50Hz ÷ 60Hz
- Basic accuracy: ±(2%reading + 5digits)
- Protection against overcharge: 72A DC/AC for 10 seconds

Resistance and Continuity test

- Measuring range: 0Ω ÷ 34MΩ
- Resolution: 0.1Ω ÷ 0.01MΩ
- Basic accuracy: ±(1%reading + 3digits)
- Protection against overcharge: 720VDC/AC for 10 seconds
- Continuity buzzer: R<30Ω ± 10Ω

Frequency

- Current measuring range: 0Hz ÷ 10kHz
- Voltage measuring range: 0Hz ÷ 300kHz
- Basic accuracy: ±(0.1%reading + 1digit)
- Resolution: 0,001kHz ÷ 0.01MHz
- Protection against current overcharge: 72A DC/AC for 10 seconds
- Protection against voltage overcharge: 720VDC/AC for 10 seconds