

**HT14N
ANALOG MULTIMETER**

HT14N is a analog multimeter for AC/DC voltage up to 500V, DC current up to 100mA, resistance and battery test. HT14N is provided with test leads, battery, rubber holster and user manual.

Functions

DC voltage with 2.5, 25, 250, 500V scales
AC voltage with 25, 250, 500V scales
DC current with 1, 10, 100mA scales
Resistance with Rx10, Rx100, Rx1000 scales
1.5V and 9V test batteries
Safety: IEC/EN61010-1, CAT II 300V
Power supply: 1x1.5V battery type AA LR06
Size (LxWxH): 145x80x45mm
Weight (included battery): 25g



HT14N
HR000114

**HT20
PEN VOLTAGE DETECTOR WITH
WHITE LED TORCH**

The HT20 pen voltage detector permits to quickly verify the presence of AC voltage on any type of electrical installations with and without direct contact. A red LED light on and a beeper detect the presence of voltage. HT20 is provided with batteries and user manual.

Functions

AC voltage range: 100V ÷ 1000V to ground
Frequency range: 50/60Hz
Red LED and buzzer for voltage detection
White LED torch with ON/OFF key
Practical pen clip
Safety: IEC/EN61010-1, CAT IV 1000V
Pollution degree: 2
Power supply:
2x1.5V batteries type AAA IECLR03
Size (LxWxH): 160 x 26 x 20mm
Weight (with batteries): 48g



HT20
HR000296

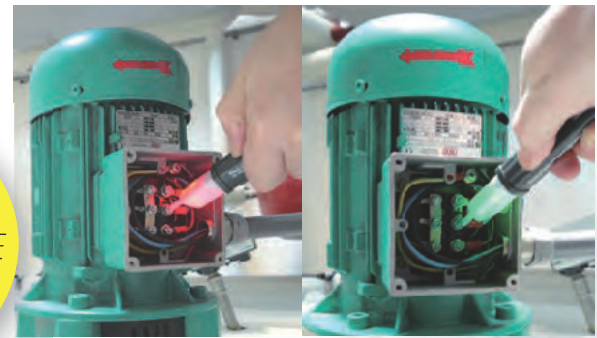
**HT70
PEN PHASE SEQUENCE AND CONFORMITY
INDICATOR**

HT70 verifies the presence of AC voltage with and without direct contact and performs phase sequence and conformity test on three phase plants. HT70 is provided with batteries and user manual.

Functions

AC voltage range: 100V ÷ 1000V to ground
Frequency range: 50/60Hz
LED red/green + buzzer for indication of test
Pocket clip
Safety: IEC/EN61010-1, CAT IV 1000V
Pollution degree: 2
Power supply: 2x1.5V batteries type AAA IECLR03
Battery life: >9000 tests
Size (LxWxH): 160 x 26 x 20mm
Weight (included batteries): 48g

HT70
*IT PERFORMS
THE PHASE SEQUENCE
TEST ON THE CABLE
SHEATH TOO*



Incorrect phase sequence

Correct phase sequence



HT70
HR000070



www.youtube.com/user/HTInstruments1

**HT82
PHASE SEQUENCE INDICATOR**

HT82 model is a digital portable meter to perform the phase sequence indication with 3-wire method on standard three phase system. The meter shows the "R" indication in positive test and "L" indication in the opposite case. HT82 is provided with 3 cables, 3 alligator clips, carrying bag and user manual.

Functions

AC voltage range from 40 to 690V
Frequency range: from 15Hz to 400Hz
"R" and "L" indications at display
LCD custom display
Protection holster
Safety: IEC/EN61010-1, CAT III 600V
Power supply: directly from network
Size (LxWxH): 130x69x22mm
Weight: 130g



HT82
HR000156



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1. ELECTRICAL SPECIFICATIONS

Accuracy is given as \pm (% full scale) at 23°C \pm 5°C, with relative humidity Less than 80% R.H.

DC VOLTAGE

Full scale	Resolution	Accuracy	Internal resistance
2.5V	2k Ω /V	\pm (5%full scale)	2k Ω /V
25V			
250V			
500V			

AC VOLTAGE

Full scale	Resolution	Accuracy	Internal resistance
25V	2k Ω /V	\pm (5%full scale)	2k Ω /V
250V			
500V			

AC CURRENT

Full scale	Accuracy
1mA	\pm (5%full scale)
10mA	
100mA	

RESISTANCE

Full scale	Accuracy
Rx10 Ω	\pm (5%full scale)
Rx100 Ω	
Rx1k Ω	

BATTERIES TEST

Full scale	Accuracy	Test current
1.5V	\pm (10% full scale)	100mA
9V		10mA



2. GENERAL SPECIFICATIONS

Display:

- Analogical display

Operating temperature:

- 5 °C to 40 °C, <75%HR

Storage temperature:

- 5 °C to 40 °C, <75%HR

General informations:

- Altitude up to 2000m
- Pollution degree: 2
- Insulation: double insulation

Power supply:

- 1x1.5V alkaline battery type AA IECLR6

Dimension(with holster):

- 145(L)x80(La)x45(H) mm

Weight (included battery):

- 250g

Applied standards:

- LVD: IEC/EN 61010-1 CAT II 300V
- EMC: EN60326

This product conforms to the prescriptions of the European directive on low voltage 2006/95/EEC and to EMC directive 2004/108/EEC