



## Digital Multimeter with Flashlight Habotest HT118C, True RMS

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### Habotest HT118C Universal Multimeter

The Habotest universal meter is an indispensable tool that provides precise measurement of parameters such as voltage, continuity or temperature, among others. The backlit display makes it easy to use. The built-in flashlight will allow you to work also in dark rooms, and with a special stand you can safely place the device on a flat surface. The product is also equipped with NCV sensors for non-contact voltage measurement. The meter supports manual range selection.

### Measures many different parameters

The HT118C has many useful functions. You can use it to measure AC and DC voltage, capacitance, and temperature from  $-40^{\circ}\text{C}$ - $1000^{\circ}\text{C}$ , among other things. You can also check whether a cable is live and check for continuity. But this is not the end of the possibilities! The meter also allows for non-contact NCV voltage measurement.

### Clear display and practical backlight

Operation of the device is very simple. The measurement results are displayed on a clear LCD screen, which has a double backlight. If the voltage value exceeds 80V or the current value exceeds 1A, its color will change to orange. Moreover, the meter has a jack input port LED indicator.

#### Additional features

Habotest HT118C also supports other useful functions, such as max/min and diode testing, for example. You can also check the true RMS value with it. It also allows you to store data. Moreover, it offers a battery testing function (1.5/9V).

#### Long run time

The device requires 2 AA batteries to power it. Moreover, you don't have to worry about the meter discharging prematurely. Even if you forget to turn it off, it will automatically stop working after a while of inactivity. The HT118C will take care of everything for you!

#### Thoughtful design

The device is light and handy - it fits perfectly in your hand and provides comfort of use. Thanks to the built-in flashlight you can use it comfortably and safely even in poorly lit rooms. The meter is also equipped with a folding stand placed at the back, which allows you to place it on a table or shelf.

#### Brand

Habotest

#### Model

HT118A

HT118C

#### DC voltage (range + accuracy)

600 mV  $\pm(0.5\%+3)$ ; 6/60/600/1000 V  $\pm(0.5\%+3)$

600 mV/6 V/60 V/600 V/1000 V  $\pm(0.5\%+3)$

#### AC voltage (range + accuracy)

600 mV  $\pm(1.0\%+5)$ ; 6/60/600/750 V  $\pm(1.0\%+5)$

6/60/600/750 V  $\pm(1.0\%+5)$

#### DC current (range + accuracy)

600  $\mu$ A/6000  $\mu$ A/60 mA/600 mA  $\pm(0.8\%+3)$ ; 6/10 A  $\pm(1.2\%+3)$

60  $\mu$ A/60 mA/600 mA  $\pm(0.8\%+3)$ ; 10 A  $\pm(1.2\%+3)$

#### AC current (range + accuracy)

600  $\mu$ A/6000  $\mu$ A/60 mA/600 mA  $\pm(1.0\%+3)$ ; 6 A/10 A  $\pm(1.5\%+3)$

60/600 mA  $\pm(1.0\%+3)$ ; 10 A  $\pm(1.5\%+3)$

#### Resistance (range + accuracy)

600  $\Omega$ /6 k $\Omega$ /60 k $\Omega$ /600 k $\Omega$ /6 M $\Omega$ /60 M $\Omega$   $\pm(0.8\%+3)$

600  $\Omega$ /6 k $\Omega$ /60 k $\Omega$ /600 k $\Omega$ /6 M $\Omega$ /60 M $\Omega$   $\pm(0.8\%+3)$

#### Capacitance (range + accuracy)

10 nF/100 nF/1  $\mu$ F/10  $\mu$ F/100  $\mu$ F/1 mF/10 mF  $\pm(4.0\%+3)$ ; 100 mF  $\pm(5.0\%+5)$

10 nF/100 nF/1  $\mu$ F/10  $\mu$ F/100  $\mu$ F/1 mF/10 mF  $\pm(4.0\%+3)$ ; 100 mF  $\pm(5.0\%+5)$

#### Frequency (range + accuracy)

10 Hz/100 Hz/1 kHz/10 kHz/100 kHz/1 MHz/10 MHz  $\pm(1.0\%+3)$

10 Hz/100 Hz/1 kHz/10 kHz/100 kHz/1 MHz/10 MHz  $\pm(1.0\%+23)$

#### Duty (range + accuracy)

1-99%  $\pm(1.0\%+2)$

1-99%  $\pm(1.0\%+2)$

#### Temperature (range + accuracy)

-40°C-1000°C  $\pm(1.0\%+3)$ ; -40°F-1832°F  $\pm(1.0\%+3)$

-40°C-1000°  $\pm(1.0\%+3)$ ; -40°F-1832°F  $\pm(1.0\%+3)$

#### Counts

6000

6000

Auto/manual range

Automatic

Manual

Display

LCD

LCD

Bargraph

Yes

No

Live test

Yes, audible and light alarm

Yes, audible and light alarm

NCV

Yes, audible and light alarm

Yes, audible and light alarm

Diode test

Yes

Yes

Continuity

Yes, audible and light alarm

Yes, audible and light alarm

Max/min

Yes

Yes

Data storage

Yes

Yes

True RMS

Yes

Yes

Bandwidth

1 kHz

1 kHz

Battery testing (1.5V/9V)

No

Yes

Low battery indicator

Yes

Yes

Automatic power off

Yes

Yes

Double color backlight

Yes

Yes

Input jack LED indicate

Yes

Yes

Flashlight

Yes

Yes

Power supply

2x AA battery(included)

2x AA battery (uncluded)

Weight

Appx. 350 g

About 350 g

Dimensions

188x88x58 mm

188x88x58 mm

Safety

EN61010-1,-2-030;EN61010-2-033;EN61326-1 CAT III 1000 V, CATIV 600 V

EN61010-1,-2-030;EN61010-2-033;EN61326-1 CAT III 1000 V, CATIV 600 V

Preço:

**€ 24.50**

Ferramentas, Measuring tools, Electric meters