

HT73000 Pocket Clamp Meter up to 300A

HT 7003

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HT7003 clamp meter measure AC current up to **300A** in completely Auto Range in compliance with IEC/EN61010-1, CAT III 300V. HT7003 have a Data HOLD feature and the Auto Power OFF function to preserve internal battery when instrument don't work. Thanks to its **very small dimensions** this model its extremely practical and its ideal for simple measurements in the most common civil and industrial environments.

Function

- AC current up to 300A
- Autorange Auto
- Power OFF
- Data HOLD function
- Low battery indication



1. ELECTRICAL SPECIFICATIONS

Accuracy indicated as $\pm[\%rdg + (no.dgt * resolution)]$ at $23^{\circ}C \pm 5^{\circ}C$, $<80\% RH$

AC CURRENT

Range	Resolution	Accuracy (*) (50Hz ÷ 60Hz)	Overload protection
40.00A	0.01A	$\pm(1.8\%rdg+5dgt)$	400A AC (60s)
200.0A	0.1A		

(*) Frequency response (0 ÷ 200A / 40Hz ÷ 50Hz and 60Hz ÷ 500Hz): add $\pm(1.5\%rdg+3dgt)$ to the accuracy

NOTE: for measurement 0A ÷ 0.5A add 3 dgt to the accuracy

2. GENERAL SPECIFICATIONS

Display:

- LCD, 3 $\frac{3}{4}$ digits with maximum reading 4000 counts + decimal point

Function:

- Data HOLD

Measuring rate:

- 2.5 times per second.

Low battery indicator:

The "BAT" appears at display

Operating temperature:

- $0^{\circ}C \div 40^{\circ}C$, $<80\% RH$

Storage temperature:

- $-10^{\circ}C \div 50^{\circ}C$, $<70\%RH$

General informations:

- Altitude max of use: 2000m
- Pollution degree: 2
- Insulation: double insulation
- Max. diameter conductor : 27 mm

Power supply:

- 1 x 3V disk battery type CR2032
- Auto Power OFF function after 12 minutes of idleness

Dimension:

- 150 (H) x 52 (W) x 24 (L) mm

Weight:

- 110g (battery included)

Reference guidelines:

- Safety IEC/EN 61010-1, IEC/EN61010-2-32, CAT III 300V
- EMC: IEC/EN61326-1

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