

Power & Harmonic TRMSclamp meter 400A

HT 4022 performs reliable TRMS measurements of AC/DC voltage, AC current, frequency, resistance, continuity, phase rotation, voltage and current harmonics, Active Power, Reactive Power, Apparent Power, Power Factor and cos ϕ . Thanks to the practical rubber cap to be mounted on the jaws (patented) it's possible to hold test leads while measuring and have one hand free to work. Both models have a wide 10000 counts dual display with backlight for clear readability in any environment. Complying with EN 61010-1, CAT III - 600V.



USE

HT4022 can be used for accurate measurements on networks both in single- and three-phase systems. It's ideal to solve typical problems occurring in industrial environments such as troubleshooting, non-linear loads, current measurements on neon lamps, frequency driven motors, PCs.

FUNCTIONS Model

- TRMS measurement
- AC current
- AC voltage
- DC-voltage
- Resistance
- Frequency with test leads and jaws
- Continuity test
- Phase sequence with one wire (patented function)
- Voltage Harmonic up to the 25th with THD% -Current --
- Harmonic up to the 25th with THD% -Active, Reactive, -
- Apparent power Single/Three phase -Power Factor, cos
- Single/Three phase/Energy
- Auto range
- Auto Power OFF
- Backlight
- Data Hold
- MAX/MIN/AVG
- Fast PEAK function (lms)
- Low battery indication

TECHNICAL SPECIFICATIONS

DC voltage

Range 1.6 -;- 599.9Y :t (1.0% rdg + 3 dgt) 1Mohms
Accuracy
Input impedance
Overload protection 600Vrms

Range 1.6 -;- 599.9Y :t (1.0% rdg + 3 dgt) 1 Mohms
Accuracy (40 -;- 400 Hz)
Input impedance
Overload protection 600Vrms

Range 10 -;- 850Y :t (5.0% rdg + 10 dgt) 1 Mohms
Accuracy
Input impedance
Overload protection 600Vrms

Range 0.00 -;- 399.9A :t (1.0% rdg + 3 dgt)
Accuracy
Overload protection 600Arms

Range 10 -;- 800A
Accuracy +- (5.0% rdg + 10 dgt)
Overload protection 600Arms

Range 0.0 -;- 1999Ohms
Accuracy +- (1.0% rdg + 5~ 600Yrms
Overload protection

Frequency (test leads / clamps jaws)
Range 40.0 ; 99.9 Hz
Accuracy +- (0.5% rdg + 1 dgt)
Overload protection 600 V / 600 Arms
Active / Reactive / Apparent Power (100 . 600 V, 50/60 Hz, -1A, PF 0.81 .0.8c)
Range (kW, kVAR, kVA) 0.00 + 999.9
Accuracy +- (3.0% rdg + 3 dgt)

Power factor cos ϕ
Range 0.20 ; 1.00
Accuracy +- (2% rdg + 2 dgt)

Voltage / Current Harmonics
Harmonic order 1 :25
Accuracy +- (10% rdg + 5 dgt)

Basic accuracy is indicated.

GENERAL SPECIFICATIONS

Display 4 digits, LCD, 10000 counts
sampTill rate Conversion 64 samples/period
mode Overvoltage TRMS
category Pollution degree CAT III - 600Y
Supply 2 batteries 1.5Y AAA type
Low battery indication "Bat" symbol on the display
Battery life about 100 h
Jaws opening 32 mm
Max. conductor size 30mm
Dimension; Weight- 205x64x39 mm - 280g

ACCESSORIES

Standard:

- couple of test leads - carrying case- rubber holder for test leads
- user's manual (Italian - English - Spanish) - couple of crocodile test leads - calibration certificate



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Su justa respuesta

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