



ORDER CODE **HA02234N**

HT2234N

PORTABLE REVOLUTION COUNTER

HT2234N is a **digital revolution counter** for measuring the speed of **rotating mechanical parts** (discs, drive shafts, etc...) both **with** and **without contact**, making use of a light beam transmitted and reflected by the target.



KITHT2234N Set of rubber spare parts + reflecting band

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Functions

- Measurement of speed of rotating parts in RPMs (rev/min) with and without contact
- Events counter
- Laser pointer
- MAX / MIN / HOLD
- AutoPowerOFF



Included accessories

Mechanical adapter + fastening screw

Rubber protection ring

Rubber terminals in different shapes

Reflecting band

Soft carrying bag

Batteries

User manual



Main features

Meas. range of speed without contact:	10.00 ÷ 99999 rev/min
Meas. range of speed with contact:	20.00 ÷ 29999 rev/min
Resolution:	0.01 ÷ 1 rev/min
Accuracy:	±(0.04%reading + 2digits)
Meas. range of events counter:	0 ÷ 99999
Response time:	0.7s (>60 rev/min)
Distance from target:	50 ÷ 300mm
Display:	LCD, 5 digits, 99999 dots
AutoPowerOFF:	after 30min
Power supply:	4x1.5V batteries A
Size (LxWxH):	172x63x36 mm
Weight (batteries included):	approx 190g



Optional accessories

KITHT2234N

Set of rubber spare parts + reflecting band + fastening screw



1. TECHNICAL SPECIFICATIONS

AC VOLTAGE DETECTION TEST

Voltage range [V]	Frequency range [Hz]	Test current
60 ÷ 250	40 ÷ 60	<200mA

LAMP TEST

Voltage with new battery	Field intensity (150-170kHz)	Indications
Approx 3kV / 160kHz	Approx 100µV/m	LED + acoustic signal

CONTINUITY TEST

Measurement range	Test current	Indications
0 ÷ 5MΩ	<7µA	LED + acoustic signal

2. GENERAL SPECIFICATIONS

Mechanical specifications

Dimensions (L x W x H):	255 x 60 x 40mm
Weight (included battery):	170g

Power supply

Internal supply:	1x9V battery alkaline type IEC 6F22
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Standards references

Safety:	IEC/EN61010-1
Insulation:	double insulation
Measurement category:	CAT II 300V
Max height of use:	2000m

Environmental conditions

Reference temperature:	23°C ± 5°C
Working temperature:	0 ÷ 40°C
Working humidity:	<70%HR
Storage temperature:	-10 ÷ 50°C
Storage humidity:	<70%HR

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