



# BURIED CABLE LOCALIZER AND REVOLUTION COUNTER

## BURIED CABLE LOCALIZER AND REVOLUTION COUNTER



HT-5000



HT2234N

	CABLE LOCALIZER	REVOLUTION COUNTER
Localization of buried cables and metal tubes	•	-
Inductive pairing with 33kHz signal via antenna	•	-
Direct 33kHz pairing with external accessories	•	-
Selectable transmission power	•	-
Intermittent or continuous signal	•	-
Passive search mode without transmitter	•	-
Automatic depth measurement	•	-
Manual or automatic setting of sensitivity	•	-
Headset socket for noisy environments	•	-
Measurement of speed of rotating parts in RPMs (rev/min) with and without contact	-	•
Events counter	-	•
Laser pointer	-	•
MAX / MIN / HOLD	-	•
AutoPowerOff	-	•
Order code	HN500000	HA02234N

BURIED CABLE  
LOCALIZER  
AND REVOLUTION  
COUNTER



ORDER CODE **HN500000**

HT-5000

PROFESSIONAL METAL TUBE  
AND BURIED CABLES TRACER

Civil engineering work is accelerated, earth-moving machines are used efficiently and the risk of accidents is minimised thanks to the HT-5000. This unit is especially designed to know the position and the depth of underground pipes and cables or cabling plans in a very quick and easy way. The model is composed by a Transmitter and a Receiver and the principle used is the propagation of a electromagnetic field inside a object crossed by a signal generated with a direct coupling (finding energized or not energized objects with accessible parts) and inductive coupling (signal spread by transmitter by integrated antenna) for finding of not accessible parts (e.g: earthmoving areas). The tracing can be performed also in passive mode by the use of receiver only in order to locate cable or pipes crossed by 50/60Hz electrical current or radiofrequency signals. Both transmitter and receiver are designed with IP56 (protection by dust and water) for typical external "in field" environment and a wide number of optional accessories are available also for finding of non metal objects. Most of the times that device is used to locate buried cables and iron pipelines.



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



Functions

- Inductive pairing with 33kHz signal via antenna
- Direct 33kHz pairing with external accessories
- Selectable transmission power
- Intermittent or continuous signal
- Passive search mode without transmitter
- Automatic depth measurement
- Manual or automatic setting of sensitivity
- Headset socket for noisy environments



Included accessories

Transmitter TX5000 and receiver RX5000
Set of measuring cables with alligator clips
Metal probe
Batteries for transmitter and receiver, Soft carrying bag and user manual



Optional accessories

820005314	Clamp 100mm diameter for inductive pairing
GOK50-R	Kit of flexible probes for non-metallic objects
890008852	Set of cables (Schuko plug + cable with RJ11 + coax cable)



Main features

Transmitter TX5000

Transmission power:	0.1W / 0.5W
Signal frequency:	33kHz
Mechanical protection:	IP56 (dust and water)
Power supply:	6x1.5V batteries type IEC LR20
Size (LxWxH):	260 x 140 x 255mm
Weight (batteries included):	1.7 kg

Receiver RX5000

Frequency range:	15kHz ÷ 23kHz, 50/60Hz (electric power)
Depth range:	0.3m ÷ 7m
Mechanical protection:	IP56 (dust and water)
Power supply:	10x1.5V batteries type AA IEC LR6
Size (LxWxH):	600 x 252 x 99mm
Weight (batteries included):	2.5 kg



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 without 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
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