HAND TACHOMETER
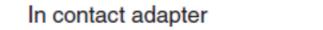## TM-5000/TM-5010

- Non-contact and contact measurement using an adapter
- Measurement for hard to reach areas using the remote sensor
- 6.0~99999.9 rev/min Measuring range with multi-unit selection
- Easy to measure
- In conformance to CE

▼ TM-5013/TM-5014
In contact adapter
Rubber tip
Surface speed wheel

◀ TM-4015
Remote sensor

▲ TM-5000
0.1 rpm resolution

CE RoHS

TM-5010/TM-5010E ▲
8 items memory,
MIN/MAX memory,
rpm/rps
unit of peripheral speed selection

◀ TM-5000K/TM5000EK
TM-5000 Kit models
TM-5010K/TM-5010EK
TM-5010 Kit models
TM-5010E Kit models

All kit models includes the main unit, reflective tape, contact adapter, rubber tip, surface speed wheel, AAA batteries and carring case.

Specifications (Main unit)

Models

Model	TM-5000	TM-5010/5010E
Measuring Range	6.0 - 99999.9 r/min	
Resolution	0.1 r/min	0.1 rpm/fpm, others 0.01
Accuracy	±0.01%±1digit r/min, m/min (for other units, the conversion accuracy is ±0.05%±1digit)	
Sampling Time	1.0 - 10.0 seconds	
Display	Display : 6 digits, 7 segment LCD Battery alarm : ▬ mark Reflective light : ((•)) mark Display unit : r/min	Display unit : r/min, r/s, m/min, cm/s [inch/s, f/min, y/min]* Memory display : MAX,MIN,MEM1-8
Auto Power-off	After 3 mins. from last measurement or key operation	
Data Hold Time	Measurement data: until the next data is defined ———	Memory data: same as battery life
Measuring Method	Non-contact measurement using the main unit or with remote sensor (use with reflective tape) Contact measurement using the in-contact adapter (use with rubber tip, surface speed wheel)	
Measuring Distance	50 - 300mm (using reflective tape)	
Power Supply	4 pieces of AAA alkaline battery (continuous measurement of 20 hrs.)	
Storage Temperature	-10 - 60°C (Non-Freezing)	
Operating Temperature	5 - 40°C (Non-Freezing)	
Operating Humidity	35 - 85%RH (Non-Condensing)	
Dimension/ Weight	122(H) x 58(46)(W) x 28(D)mm approx. 130g (including batteries)	

[   ]* This item is for TM-5000EK only.

[   ]* These measuring units are only available in TM-5010E model.

Parts

Rubber Tip

Surface speed wheel (circumference 1/10m or 1/10y)
Combination of adapter with TM-5000 or TM-5010 / TM-5010E is available.
For TM-5000, displayed value is 1/10m/min.
For TM-5010 / TM-5010E, calculations are done internally to display
the units m/min, cm/sec, f/min, inch/sec and y/min,
which can be read directly.

Remote Sensor

In-contact adapter
Contact measurement or surface speed measurement is possible using the rubber tip or the
surface speed wheel in combination with TM-5000 or TM-5010 / TM-5010E.

⚠ Attention!
When using at high speed, be very careful that the portion being measured don't get dragged on.

Photoelectric detector indication

Photoelectric part
Unit display
Photoelectric detector indication
Measurement display
Memory number display

Measurement button
While it is pressed, measurement is performed.

Connector for remote sensor probe

Measurement mode switch
By pressing this button, display changes as follows:
Measurement value   MAX value   MIN value

Rotational / Linear speed units group selection key

Unit selection key

8-point memory data input key

8-point memory data read/clear key

TM-4015

Connector for remote sensor probe
The remote sensor can be used by turning
the slide switch inside the battery box
located at the back of this unit.

TM-5000

TM-5010 / TM-5010E