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-4015
Remote sensor

▲ TM-5000
0.1 rpm resolution

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

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)

Model	TM-5000	TM-5010/5010E	
Measuring Range	6.0 - 99999.9 r/min	6.0 - 99999.9 rpm 0.10 - 1666.66 rps 0.60 - 9999.99 m/min 1.00 -16666.6 cm/s [0.39 - 6561.65 inch/s]* [1.9 - 32808.3 f/min]*	[0.65 - 10936.1 y/min]* 0 - 999999 count 0.0 - 99999.9 m [0.00 - 99999.9 y]* [0.00 - 99996.1 inch]* [0.0 - 99999.7 f]*
Resolution	0.1 r/min	1 count, 0.1 rpm·fpm·m· f, 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 [y/min, inch/s, f/min]*, count, m, [y, inch, f]* 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)		

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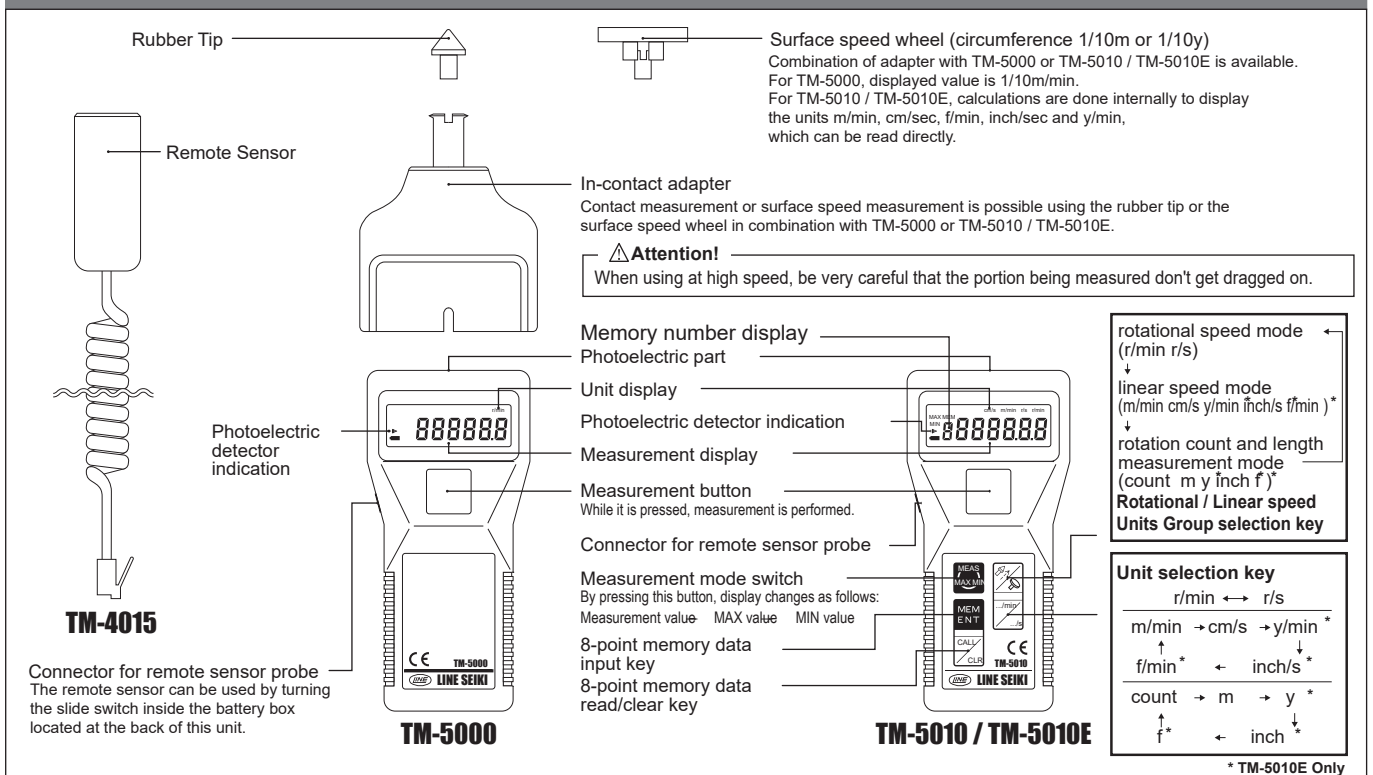
Models

TM-5000K/ TM-5000EK	TM-5000 Contents In-contact Adapter unit Rubber Tip, 3 pieces Surface speed wheel (1/10m) [Surface speed wheel (1/10y)]* Carrying Case (C-4000)
TM-5010K/ TM-5010EK	TM-5010/TM-5010E Contents In-contact Adapter unit Rubber Tip, 3 pieces Surface speed wheel (1/10m) Carrying Case (C-4000)
TM-5000	TM-5000 main unit AAA alkaline battery, 4 pieces Reflective tape, 10 pieces Instruction manual
TM-5010/ TM-5010E	TM-5010 / TM-5010E main unit AAA alkaline battery, 4 pieces Reflective tape, 10 pieces Instruction manual
TM-5013	In-contact adaptor Rubber tip, 3 pieces Surface speed wheel (1/10 m)
TM-5014	In-contact adaptor Rubber tip, 3 pieces Surface speed wheel (1/10 y)
TM-4015	Remote sensor (21 mm diameter, maximum cable length is 1 meter)

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

Accessories (Sold separately)

Reflective tape	10 pieces / set
Rubber tip	3 pieces / set
Surface speed wheel (m)	Circumference 1/10 m
Surface speed wheel (y)	Circumference 1/10 y
C-4000	Carrying Case

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

Memory number display
Photoelectric part
Unit display
Photoelectric detector indication
Measurement 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
8-point memory data input key
8-point memory data read/clear key

rotational speed mode
(r/min r/s)
↓
linear speed mode
(m/min cm/s y/min inch/s f/min)*
↓
rotation count and length
measurement mode
(count m y inch f)*
**Rotational / Linear speed
Units Group selection key**

Unit selection key
r/min ⟷ r/s
m/min → cm/s → y/min *
f/min * ← inch/s *
count → m → y *
f * ← inch *
* TM-5010E Only

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