

# HAND TACHOMETER



**TM-4000**  
EASY OPERATION

**TM-4010**  
MULTI FUNCTIONAL

- 8 item memories
- rpm / rps, unit of peripheral speed selection.

## ACCESSORIES

**TM-4013/4014**  
In-Contact Adaptor

**TM-4015**  
Remote Sensor

POSSIBLE FOR CONTACT OR CONTACTLESS MEASUREMENTS WITH ADAPTOR.  
MEASURING OF THE NARROW SPACE IS EASY POSSIBLE BY USING OF THE  
REMOTE SENSOR.



**LINE SEIKI, CO. LTD**

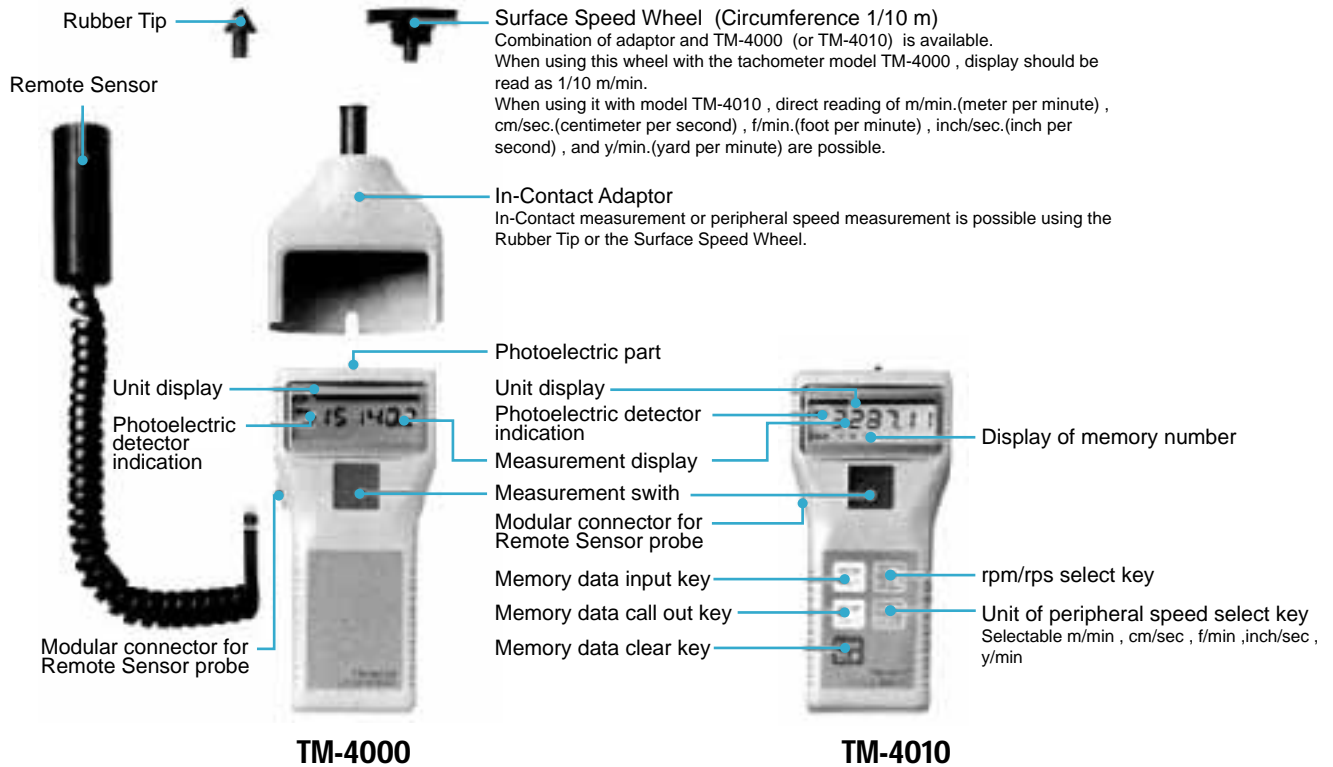
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## ● Names of Components



## ● Specifications

### Measurement System

Non-Contact ----- Photo part and Reflective Tape (effective measurement distance between Photo part and Reflective Tape; 50 to 300mm at light projection angle of within  $\pm 30^\circ$ , and tape size of 10mm by 10mm).

In-Contact ----- Touchless model with a contact probe (Rubber Tip or Surface Speed Wheel) and an adaptor.

Model	TM-4000	TM-4010
Measuring range	30.0~30000.0rpm	30.0~30000.0 rpm 9.50~ 500.0 rps 3.00~ 3000.00 m/min 5.00~ 5000.00 cm/sec 9.8~ 9842.5 f/min 1.96~ 1968.50 inch/sec 3.28~ 3280.83 y/min
Resolution	0.1rpm	0.1rpm·f/min, others 0.01rpm
Accuracy	$\pm 0.01\% \pm 1$ digit rpm·f/min (Others $\pm 0.05\% \pm 1$ digit including tolerance of conversion)	
Sampling Time	1.0~2.0 sec.	
Display	Display : 6 digital LCD Battery alarm :  mark display Reflective light input :  mark display	
	Unit of display : rpm	Unit of display : rpm, rps m/min, cm/sec f/min, inch/sec y/min 8 items memory number : M1~M8
Auto Power-Off	After 3 minutes from last measurement	After 3 minutes from last measurement
Data Hold time	Measurement Data : 3 minutes until Auto Power-Off	
		Memory data : Same as battery life
Measurement method	Contactless (Reflective Tape is used) In-Contact with Adaptor (Rubber Tip or Surface Speed Wheel is used)	
Measurement distance	50~300mm by Reflective Tape	
Power source	4 batteries (AAA 1.5V) Continuous measurement : 20 hours	
Operating Temperature	5~40°C	
Dimensions & Weight	122(H)×58(46)(W)×28(D)mm, 140g	

## ● Model Nos. & Accessories

<b>TM-4000</b> HAND TACHOMETER	TM-4000 Mainframe Reflective Tape 10 sheets Dry Battery (AAA 1.5V) 4 pcs. Instruction manual
<b>TM-4010</b> HAND TACHOMETER	TM-4010 Mainframe Reflective Tape 10 sheets Dry Battery (AAA 1.5V) 4 pcs. Instruction manual
<b>TM-4013</b> In-Contact Adaptor (m/min Type)	In-Contact Adaptor Mainframe Rubber Tip 3pcs. Surface Speed Wheel (for $\times 1/10$ m/min) 1pc.
<b>TM-4014</b> In-Contact Adaptor (y/min Type)	In-Contact Adaptor Mainframe Rubber Tip 3pcs. Surface Speed Wheel (for $\times 1/10$ y/min) 1pc.
<b>TM-4015</b> Remote Sensor	Remote Sensor ( $\phi 21$ Max, Length 1m)

## ● Option

<b>C-400</b>	Carrying Case
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