

# RM-1500/1501 Digital Tachometer



## FEATURES

- 5 Digits LCD Display
- Light Reflex Measurement
- Range 10.00 to 99,999 RPM
- Measuring Distance 50 to 300mm
- Event counter with elapsed time
- RM-1502 optional Contact Adaptor
- Max / Min / Hold : True Average
- Auto Range RPM
- RS-232 Interface for Model RM-1501
- Contact RPM and circumferential velocity measurements in one simple adaptor(RM-1502)



## SPECIFICATION

### Speed ( Optical )

	Range	Resolution	Accuracy
<b>RPM</b>	10.00-99999	0.01/0.1/1	0.04%±2dgtst
<b>rps (HZ)</b>	0.2-2000	0.001/0.01/01	0.04%±2dgtst

### Speed ( Contact )

	Range	Resolution	Accuracy
<b>RPM</b>	10.00 - 29999	0.01/0.1/1	0.04%±2dgtst
<b>m/min</b>	1.000 - 2999.9	0.001/0.01/0.1	0.04%±2dgtst
<b>ft/min</b>	4.00 - 10000	0.01/0.1/1	0.04%±2dgtst
<b>yard/min</b>	2.00 - 3000	0.01/0.1/1	0.04%±2dgtst
<b>rps (Hz)</b>	0.2 - 500	0.001/0.01/0.1	0.04%±2dgtst

### Event Counter

Range	Max. Input Frequency
0 -99999	10KHz. with 5% duty cycle

### General Specification

<b>External TTL Input</b>	High > 4.5V (RM-1501)
<b>Display</b>	5 digits 99999 counts
<b>Sampling Rate</b>	0.7 second ( > 60 rpm) > 1 second ( 10 to 60 rpm)
<b>Measuring Distance</b>	50 to 300mm

<b>Time Base</b>	4.0 MHz Quartz Crystal
<b>Range Selection</b>	Automatic
<b>Battery</b>	Four 1.5V batteries (AA, UM-3)
<b>Power Consumption</b>	1.5mA (Idle) 5mA ( 1000.0 - 99999 rpm ) 25mA (10.00 - 999.99 rpm ) 25mA (Max, Min or Ave Enabled) 25mA (Event Counter)
<b>Auto-Power-Off</b>	30 minutes.
<b>Operating Temp.</b>	0 °C ~ 50 °C ( 32 °F ~122 °F )
<b>Size</b>	72 mm x 63mm x 36mm (6.8" x 2.5" x 1.5")
<b>Weight</b>	190g (6.7 oz.) (including battery)
<b>Accessories</b>	Carrying Case x 1 , Reflective tape x 1 , Instruction Manual x 1 (Software & RS-232 interface for RM-1501)
<b>Optional accessories</b>	RM-1502 Contact Adaptor



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