

## Digital Tachometer

**MODEL:** RM-1501

### Features

- 5 Digits LCD Display
- Light Reflex Measuring
- Range 10.0 to 99,999 RPM
- Measuring Distance 50 to 300mm
- Sampling Rate: 1 Second/Time (>60 RPM);
- Combination type for non-contact and contact measurements
- Counter (0-99999)
- Both contact RPM measurement and circumferential velocity measurement in one simple adapter
- Max/Min/Hold
- Autorange RPM
- RS-232 (RM-1501)
- Contact RPM and circumferential velocity measurements in one simple adapter (RM-1502)



**#135-RM-1501**

### General Specifications:

**Display:** 5 digits 99999 counts

**Sampling Rate:** 1sec (>60rpm); >1sec (<60rpm)

**Measuring Distance:** 50 to 300mm

**Time Base:** 4.0MHz Quartz Crystal

**Range Selection:** Automatic

**Battery:** Four 1.5V batteries (AA, UM-3)

**Power Consumption:** 1.5mA (Idle) 5mA (1000.0~99999rpm) 25mA (10.00~999.99rpm)

**Auto-Power-Off:** 30 minutes

**Operating Temp.:** 0 to 50°C (32 to 122°F)

**Size:** 172 x 63 x 36mm (6.8 x 2.5 x 1.5")

**Weight:** 190g (6.7oz) including battery

**Accessories:** Carrying case, Reflective tape, Instruction manual

**SPECIFICATIONS:**
**Speed (Optical):**

	Range	Resolution	Accuracy
RPM	10.00 ~ 99999	0.01/0.1/1	0.04% ± 2 dgts
rps(Hz)	0.200 ~ 2000.0	0.001/0.01/0.1	0.04% ± 2 dgts

**Speed (Contact)**

	Range	Resolution	Accuracy
RPM / (/ symbolizes "Contact")	20.00 - 29999	0.01/0.1/1	0.04% ± 2 dgts
m/ min	2.000 - 2999.9	0.001/0.01/0.1	0.04% ± 2 dgts
ft/ min	6.00 - 10000	0.01/0.1/1	0.04% ± 2 dgts
yard/ min	2.00 - 3000	0.01/0.1/1	0.04% ± 2 dgts

**Event Counter:**

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

**General Specifications:**

<b>External TTL Input</b>	High > 4.5V (RM1501)
<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 300 mm
<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 to 50°C (32 to 122°F)
<b>Size</b>	72 mm x 63 mm x 36 mm (6.8" x 2.5" x 1.5")
<b>Weight</b>	190 g(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