

Economical Handheld Digital Tachometer with RS232C Software*

OMEGAETTE™
Moderately Priced Instruments. Ideal for Education, Training and Demonstration Programs.

- 5 Digit LCD Display
- Light Reflex Measurement Technology
- Range 10.00 to 99,999 RPM
- Measuring Distance 50 to 300 mm
- Event Counter with Elapsed Time (HH:MM)
- HHT-1502 Optional Contact Adaptor
- Max/Min/Hold: True Average
- Auto Range RPM
- RS232 Interface for Model HHT-1501
- Contact RPM and Circumferential Velocity (HHT-1502CA)

HHT-1500 Series



HHT-1500 shown actual size.

The HHT-1500 Series is an accurate economical, non-contact optical digital tachometer. All units come complete with reflective tape and carrying case. An optional contact adaptor, HHT-1502CA is easy to attach and converts the unit to mechanical measurement. Users affix a tape on the shaft to be measured. The tachometer measures the time between reflected pulses of light and calculates the RPM.

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")	10.00 to 29999	0.001/0.01/0.1/1	0.04% ± 2 dgts
m/min	1.000 to 2999.9	0.001/0.01/0.1	0.04% ± 2 dgts
ft/min	3.00 to 10000	0.001/0.01/0.1	0.04% ± 2 dgts
yard/min	1.00 to 3000	0.001/0.01/0.1	0.04% ± 2 dgts

General Specifications

External TTL Input	High > 4.5V (HHT-1501)
Display	5 digits 99999 counts
Sampling Rate	0.7 second (> 60 rpm) > 1 second (10 to 60 rpm)
Measuring Distance	50 to 300 mm (2 to 12")
Time Base	4.0 MHz Quartz Crystal
Range Selection	Automatic
Battery	Four 1.5 V "AA" (included)
Auto Power-Off	30 minutes
Operating Temp	0 to 50°C (32 to 122°F)
Size	72 L x 63 W x 36 mm D (6.8 x 2.5 x 1.5")
Weight	190 g (6.7 oz.) (including battery)

Event Counter

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

* HHT1501 only.
Comes complete with carrying case, reflective tape, 4 "AA" alkaline batteries and operator's manual.
Ordering Example:
HHT-1501, digital tachometer with RS232C cable and software and HHT-1502CA, contact adaptor.

To Order	
Model No.	Description
HHT-1500	Digital tachometer
HHT-1501	Digital tachometer with RS232C cable and software
HHT-1502CA	Optional contact adaptor