

Features

- Dual function unit with both contact and non-contact capabilities
- Provides fast and accurate RPM (revolutions per min) measurements of rotating objects and surface speed measurements with included contact adapters
- Laser provides improved accuracy at a greater distance
- Internal memory recalls maximum, minimum, average values and last 10 data points
- Backlit and rotatable LCD Display
- Low battery indication and auto shut off
- Includes contact adapter, large and small wheel adapters, funnel adapter, cone adapter, reflective tape, carrying case and batteries



Specifications

Non-Contact Range

Rotational Velocity	
Range (RPM):	1 to 99,999
Frequency Range (Hz):	1-1666
Count Range (REV):	1-99,999

Contact Range

Rotational Velocity	
Range (RPM):	1 to 19,999
Frequency Range (Hz):	1-333
Surface Speed Range:	0.1m Wheel: 0.1 to 1,999 m/min. 0.4 to 6,550 ft/min. 4-78,700 in/min. 6" Wheel: 0.15 to 1,524 m/min. 0.5 to 5,000 ft/min. 0-60,000 in/min.
Length Range:	0-99,999 m/in/ft

Resolution

Rotational Velocity (RPM):	1 to 99.99: 0.01 100 to 999.9: 0.1 1,000 to 99,999: 1
Frequency (Hz):	0.1
Surface Speed:	1 to 99.99: 0.01 100 to 999.9: 0.1 1,000 to 99,999: 1

Length (m):

0.1m/6" Wheel:
1 to 99.99: 0.01
100 to 999.9: 0.1
1,000 to 99,999: 1

Length (in):

0.1m Wheel:
1 to 99.99: 0.32
100 to 999.9: 0.3
1,000 to 99,999: 1
6" Wheel:
1 to 99.99: 0.5
100 to 999.9: 0.5
1,000 to 99,999: 1

Length (ft):

0.1m Wheel:
1 to 99.99: 0.02
100 to 999.9: 0.1
1,000 to 99,999: 1

General Specifications

Accuracy:	±(0.02% rdg. + 1dgt.)
Display:	5-Digit LCD Display
Backlit Display:	Yes
Rotatable Screen:	Yes
Auto shut-off:	Yes
Internal Memory:	10 Datapoints, Max, Min, Average and Last Reading
Tripod Mount:	Yes
Laser Class:	Class II
Low Battery Indicator:	Yes
Power Supply:	3 x AAA Batteries
Battery Life:	Approx. 20 hours
Product Certifications:	CE, UKCA, ROHS
Operating Temperature:	32 to 122°F (0 to 50°C)
Storage Temperature:	-4 to 140°F (-20 to 60°C)
Operating Humidity Range:	10-80%
Dimensions:	6.9 x 2.5 x 1.5" (176 x 63 x 38mm)
Weight:	6.4oz (181g)

Model	Description
R7110	Combination Contact / Laser Photo Tachometer
RT100	Reflective Tape for Tachometers
CA-05A	Medium Soft Carrying Case
R7110-NIST	Combination Contact / Laser Photo Tachometer & NIST