

Combination Contact / **Laser Photo Tachometer** Model **R7110**



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



Non-Contact Range

Rotational Velocity

Range (RPM): 1 to 99.999 1-1666 Frequency Range (Hz): Count Range (REV): 1-99.999

Contact Range

Rotational Velocity

Range (RPM): 1 to 19,999

Frequency Range (Hz): 1-333

Surface Speed Range: O.1m Wheel:

O.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



TECHNICAL DATA

O.1m/6" Wheel: Length (m):

1 to 99.99: 0.01 100 to 999.9: 0.1 1,000 to 99,999:1

Length (in): O.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

O.1m Wheel: Length (ft):

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

General Specifications

 $\pm (0.02\% \text{ rdg.} + 1 \text{dgt.})$ Accuracy: Display: 5-Digit LCD Display

Backlit Display: Yes Rotatable Screen: Yes Yes Auto shut-off:

Internal Memory: 10 Datapoints, Max, Min, Aver

age 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 (O 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