

## Photo / Contact Tachometer Model R7100



## **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 MPM (meters per min) with included contact adapters
- Built-in laser pointer identifies target area
- Internal memory recalls maximum, minimum values as well as last value stored
- Large LCD display and low battery indicator
- Includes reflective tape, large and small cone tip adapters, funnel adapter, wheel adapter, batteries, mounting screws, and hard carrying case

## **Specification**

RPM Range (Contact): 0.5 to 19,999 RPM Range (Photo): 2.5 to 99,999

Surface Speed Range: 0.05 to 1,999.9 m/min Resolution: Photo: 0.1 RPM (≤999.9)

1 RPM (>1000)

Contact: 0.1 RPM (≤999.9)

1 RPM (>1000)

Surface: 0.01 m/min (≤99.99)

0.1 m/min (>100)

Basic Accuracy:  $\pm (0.05\% + 1 \text{ dgt.})$ 

**General Specifications** 

Visible Indicator: Yes (Laser)

Target Distance: 1.6ft (500mm) (Photo)

Response Time: <1 sec

Sampling Time: O.8 sec (over 60 RPM)
Display Size/Type: 5 Digit LCD Display

Auto Shut Off: Yes

Internal Memory: Max, Min and Last

Laser Class: Class III
Low Battery Indicator: Yes

Power Supply: 4 x AA Batteries

Product Certifications: CE

Operating Temperature: 32 to 122°F (O to 50°C) Storage Temperature: -4 to 140°F (-20 to 60°C)

Operating Humidity: 10-90%

Dimensions: 8.3 x 2.9 x 1.5"

(210 x 74 x 37mm)

Weight: 7.9oz (224g)

## TECHNICAL DATA







Model	Description
R7100	Photo / Contact Tachometer
R7100-ADP	Replacement Contact Adapter
R7100-WHEEL	Replacement Measuring Wheel
R7100-TIP	Replacement Cone Tip
R7100-TIPL	Replacement Cone Tip, Large
ST-FUNNEL	Replacement Funnel Tip
R7100-SHAFT	Replacement Extension Shaft
RT100	Reflective Tape
CA-05A	Soft Carrying Case
R9940	Hard Shell Carrying Case
R7100-NIST	Photo / Contact Tachometer & NIST