

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: | 0.8 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 (0 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 |
| R7100-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 |