

Features

- Dual function unit with both contact and non-contact capabilities
- Provides fast and accurate RPM measurements of rotating objects and surface speed measurements MPM (meter per min) and FPM (feet per min)
- Internal memory holds last reading for 5 mins and recalls min/max and last value
- LCD Display reverses depending on measurement mode
- Includes reflective tape, large and small cone tip adapters, funnel adapter, wheel adapter, batteries, and hard carrying case

Specifications

RPM Range (Contact): 0.5 to 19,999
 RPM Range (Photo): 5 to 99,999
 Surface Speed Range : 0.05 to 1,999.9 m/min
 0.2 to 6,560 ft/min
 Resolution: Photo: 0.1 RPM (≤ 999.9)
 1 RPM (> 1000)
 Contact: 0.1 RPM (≤ 999.9)
 1 RPM (> 1000)
 Surface: 0.1 m/min (≤ 99.99)
 0.1 ft/min (≤ 99.99)
 1 ft/min (> 1000)
 Basic Accuracy: $\pm(0.05\% + 1 \text{ dgt.})$

General Specifications

Visible Indicator: Yes (Light)
 Target Distance: 1.0ft (300mm) (Photo)
 Response Time: $< 1 \text{ sec}$
 Sampling Time: Photo: 1 sec (over 60 RPM)
 Contact: 1 sec (over 6 RPM)
 Display Size/Type: 5 Digit LCD Display
 Auto Shut Off: Yes
 Internal Memory: Max, Min and Last
 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: 8.5 x 2.6 x 1.5"
 (215 x 65 x 38 mm)
 Weight: 10.6oz (300g)

TECHNICAL DATA



Model	Description
R7140	Photo / Contact Tachometer
AS-35C	Replacement Measuring Wheel
CONE	Replacement Cone Tip
FUNNEL	Replacement Funnel Tip
EXT-SHAFT	Replacement Extension Shaft
RT100	Reflective Tape
CA-05A	Soft Carrying Case
C-820	Soft Carrying Case
R7140-NIST	Photo / Contact Tachometer & NIST