

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 1,999.9m/min 0.2 to 6,560ft/min
Resolution:	Photo: 0.1 RPM (≤ 999.9) 1 RPM (> 1000) Contact: 0.1 RPM (≤ 999.9) 1 RPM (> 1000) Surface: 0.1m/min (≤ 99.99) 0.1ft/min (≤ 99.99) 1ft/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 second
Sampling Time:	Photo: 1 second (over 60 RPM) Contact: 1 second (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 to 90%
Dimensions:	8.5 x 2.6 x 1.5" (215 x 65 x 38mm)
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
R9940	Hard Shell Carrying Case
R7140-NIST	Photo/Contact Tachometer & NIST