



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 (\leq 999.9) 1 RPM ($>$ 1000) Contact: 0.1 RPM (\leq 999.9) 1 RPM ($>$ 1000) Surface: 0.01 m/min (\leq 99.99) 0.1 m/min ($>$ 100)
Basic Accuracy:	\pm (0.05% + 1 digit.)

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
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

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