

Rev Up Your Diagnostics

Measure RPM, surface speed, and revolution counts with Extech tachometers (see pages 126-129). Models include contact, non-contact and combination, as well as compact, stroboscopes and panel-mount versions.



461937



461990



461891 Contact Tachometer

Fast and accurate RPM and surface speed measurements

- Make contact measurements of rotating objects
- Measure linear surface speeds in ft/min or m/min using three accessory wheels provided
- Recalls Last/MAX/MIN values
- Complete with cone tip, flat tip and spare wheel for surface speed measurements, four 1.5V AA batteries, and carrying case



461893 Non-contact Photo Tachometer

Non-contact RPM measurements using visible light

- Make non-contact rpm measurements of rotating objects
- Use reflective tape on object to be measured and point the integral light beam
- Integral light beam has an ideal measurement range up to 6" (152mm) distance
- Readings updated every second
- Recalls Last/MAX/MIN values
- Complete with 23" (0.6m) reflective tape, four 1.5V AA batteries, and carrying case



461895 Combination Contact/Photo Tachometer

Combines both contact and non-contact models for use in all applications

- Characters on display reverse direction depending on contact or photo mode
- Uses visible light to read up to 6" (150mm) from target
- Memory/readings button holds last reading for 5 min and recalls min/max readings
- Complete with wheels for linear surface speed or rpm measurements, four 1.5V AA batteries, 23" (0.6m) reflective tape, and carrying case



461995 Combination Contact/Laser Photo Tachometer

Combines both contact and non-contact models for use in all applications

- Characters on display reverse direction depending on contact or photo mode
- Laser guided for greater distance non-contact measurements up to 6.5ft (2m)
- Memory/readings button holds last reading for 5 min and recalls MAX/MIN readings
- Complete with wheels for linear surface speed or rpm measurements, four 1.5V AA batteries, 23" (0.6m) reflective tape, and carrying case



RPM10 Combination Laser Tachometer + IR Thermometer

Photo/Contact Tachometer includes a non-contact IR Thermometer for surface temperature measurements

- Built-in IR thermometer with laser measures remote surface temperature on motors and rotating parts
- Fixed 0.95 emissivity, 6:1 distance to target ratio
- Non-contact Photo tachometer uses a Laser for greater measuring distance up to 6.5ft (2m)
- Contact tachometer for RPM and surface speed measurements
- Recalls Last/MAX/MIN values
- Characters on display reverse direction depending on mode
- Complete with tips/wheel, four 1.5V AA batteries, reflective tape, and carrying case

ACCESSORIES

461937	Reflective Tape - Ten reflective tape strips: 23x0.25" (584x6mm) ea. strip	\$43.99
461990	Contact Wheels - 2 sets of cone tip, flat tip, and spare wheel	\$42.99

N NIST traceable certificate with data is available when you order your meter with Certificate Traceable to NIST. Look for this symbol **N** next to product part numbers.

SPECIFICATIONS	461891 N	461893 N	461895 N	461995 N	RPM10 N	SPECIFICATIONS
rpm	0.5 to 20,000	5 to 99,999	Photo: 5 to 99,999 / Contact: 0.5 to 19,999	Photo: 10 to 99,999 / Contact: 0.5 to 19,999	Photo: 10 to 99,999 / Contact: 0.5 to 20,000	rpm
ft/min	0.2 to 6560	—	0.2 to 6560	0.2 to 6560	0.2 to 6560	ft/min
m/min	0.05 to 1999.9	—	0.05 to 1999.9	0.05 to 1999.9	0.05 to 1999.9	m/min
Basic Accuracy	±0.05%rdg	±0.05%rdg	±0.05%rdg	±0.05%rdg	±0.05%rdg	Basic Accuracy
Max rpm Resolution	0.1rpm	0.1rpm	0.1rpm	0.1rpm	0.1rpm	Max. rpm Resolution
Laser	—	—	—	Yes	Yes	Laser
Temperature (IR)	—	—	—	—	-4 to 600°F (-20 to 315°C)	Temperature (IR)
CE approved	Yes	Yes	Yes	Yes	Yes	CE approved
Dimensions	6.7x2.8x1.5" (170x27x37mm)	6.7x2.8x1.5" (170x27x37mm)	8.5x2.6x1.5" (216x66x38mm)	8.5x2.6x1.5" (216x66x38mm)	8.5x2.6x1.5" (216x66x38mm)	Dimensions
Weight	9.2oz (260g)	8.8oz (250g)	10.6oz (300g)	10.6oz (300g)	10.6oz (300g)	Weight
Warranty	1 year	1 year	1 year	1 year	1 year	Warranty



N Indicates products that are available with optional calibration traceable to NIST. See page 160 for a complete listing.