EXTECH INSTRUMENTS

PRODUCT DATASHEET

RPM33 Combination Contact/ Laser Photo Tachometer

Quickly measure RPM, surface speed and length with one tool. Use the contact wheel for up-close readings or laser mode for safer, non-contact measurements up to 1.6ft (0.5m) away.

Applications:

- Contact RPM
  - flywheels
  - conveyors
  - pumps
  - elevators
- Non-Contact RPM
  - motors
  - fans
  - gears

Features

- Large 5 digit backlit LCD display
- Microprocessor based with quartz crystal oscillator to maintain high accuracy
- Store/recall 10 data sets in memory with 4 parameters (measurement, max, min and average)
- Provides wide RPM (photo and contact) and Linear Surface Speed/Length (contact) measurements
- Laser guided for greater distance non-contact measurements up to 1.6ft (500mm)
- Complete with contact wheel for rpm or linear surface speed/length, 9V battery, reflective tape and soft case

Specifications	Photo mode	Contact mode
Range (rpm)	2 to 99,999rpm	2 to 20,000rpm
Surface Speed	—	0 to 78,720 inches/min
	—	0 to 6560 ft/min
	—	0 to 2186 yards/min
	—	0 to 2000 m/min
Length	—	3.9 to 39370 inches
	—	0.3 to 3280 feet
	—	0.1 to 1093 yards
	—	0.1 to 1000 meters
Frequency (Hz)	—	333 Hz
Accuracy	0.05% rdg +1 digit	0.05% rdg +1 digit
Sampling Time	0.5 Sec > 120rpm	
Resolution	0.1rpm (< 10,000 rpm); 1rpm (> 10,000 rpm)	
Dimensions / Weight	6.2 x 2.3 x 1.6"(160 x 60 x 42 mm) / 5.3oz (151g)	

Ordering

RPM33..... Combination Contact/Laser Photo Tachometer

Distributed by:
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