

AZ 8008 2-in-1 Combo Tachometer



The 8008 AZ 2-in-1 Combo Tachometer is a high efficiency non-contact tachometer that is extremely competitive at a lower cost than competitors. Effortlessly switch between contact modes, with the non-contact method using a red LED beam. The instrument is manufactured in an ISO 9001 certified environment and has been designed and tested to meet European EMC safety standards of CE EN 61326-1 & IEC 61000. The unit is easily powered on and off, ensuring you are always ready to take your measurements.

Features

- Change from contact to non-contact settings with only 3 steps
- Use convex or concave contact tips to adapt to your rotation surface.
- Auto-range function
- Measure by attaching reflective tape to the rotating element to take measurements
- Four rotation speed units switchable in contact mode: rpm, m/min, ft/min, yd/min
- Hold Function and No-Sleep mode
- Instrument switches off after 20minutes of inactivity
- Low battery indicator

Applications

The AZ 8008 2-in-1 Combo Tachometer measures the rotation speed in RPM (Revolutions Per Minute) of a rotating shaft in motors, trucks, industrial machines, engines, automobiles, and within the vehicle and manufacturing industries.

Most machinery is designed to function within a specific RPM range to prevent damage from friction or heat. Tachometers assist you in differentiating where the monitoring equipment rotation speed is safe or where adjustments need to be made. The 8008 AZ 2-in-1 Combo Tachometer is useful as it can measure the rotating object with direct contact via the Convex- and Concave contact tips.

Technical Specification

Model	AZ 8008 2-in-1 Combo Tachometer
Non-Contact Rotation Measuring Range	10.0-99999 RPM
Contact Rotation Measuring Range	10.0-19999 RPM
Contact Surface Speed Measuring Range	1.0000-9999.9 M/Min 3.0000-30000 Ft/Min 1.0000-10000 Yd/Min
RPM Unit Resolution	0.001/0.01/0.1/1

M/Min Unit Resolution	0.0001/0.001/0.01/0.1
Ft/Min Unit Resolution	0.0001/0.001/0.01/0.1
Yd/Min Unit Resolution	0.0001/0.001/0.01/0.1
Accuracy	±(0.1% of rdg. +2 digit)
Measure Distance	5-30 cm (non-contact)
Power Consumption	5uA (Idle), 18 mA (measurement)
Time base	4.0 Mhz Quartz Crystal
Sampling time	1 second (>60 RPM) >1 second (10-60 RPM)
LCD Display Size	33(L) x 15(W) mm
Operating Temperature	0- 50°C
Operating RH%	Humidity <80%
Storage Temperature	-10-50°C
Storage RH%	Humidity <90%
Meter Dimensions	165(L) x 51(W) x 32(H) mm
Weight	90g
Battery	1 x 9V Battery

Packing List

AZ 8008 2-in-1 Combo Tachometer
Instruction Manual
4 x AAA Batteries
Reflective Tape
Convex & Concave Contact Tip