

Acision TM1100 Tachometer

Combination Hand-Held Digital Tachometer combines the best features of both contact and non-contact models to accurately measure RPM, surface speed and length. When using the non-contact mode, rotational speed (RPM) is measured using a visible beam of light. The Acision TM1100 can be up to 24 inches away from the small piece of reflective tape that is affixed to the rotating element. In the contact operating mode, the speed is sensed by directly contacting the rotating device using the cone tip or surface speed wheel supplied with the instrument.

The Acision TM1100 rugged construction, portability and outstanding features make it an ideal choice for maintenance personnel, machine operators or others in a wide variety of machinery and material handling applications.

FEATURES

- Measures speeds from 1.00 up to 99,999 rpm
- Accuracy of 0.02% with a resolution up to 0.01 rpm
- Built-in memory stores maximum, minimum, average and last reading for recall to the display
- Take accurate measurements from up to 24 inches away from rotating equipment
- Molded Rubber Shell provides additional physical and environmental protection
- Now includes larger 6 inch circumference Surface Speed Wheel standard
- Can be set for use with 2 optional-sized surface speed wheels (12 in. or 10 cm circumference)



Measuring Ranges – rpm

Optical	1 – 99,999 rpm
Mechanical	1 – 19,999 rpm

Measuring Ranges – speed

Wheel Size	6"	12"	0.1 m
<i>m/min</i>	0.10–1524	0.40–609.6	0.10–1999
<i>ft/min</i>	0.40–5000	0.40–2000	0.40–6550
<i>in/min</i>	4.0–60.00	4.00–24.000	4.00–78.700
<i>m/sec</i>	0.10–25.40	0.10–10.16	0.10–33.30
<i>ft/sec</i>	0.10–83.33	0.10–33.33	0.10–109

Measuring Ranges – length

0 – 99,999 m, / 0 – 99,999 ft / 0 – 99,999 in



Acision TM-1100

Complete set:

Gauge, contact adapter, cone tip adapter, 6" circumference universal surface speed wheel, reflective tape, operating instructions and foam-fitted, hard plastic carrying case.

Contact your Authorised Acision Distributor:

CE-Test & Measurement (S) Pte Ltd
 19 Kallang Ave #02-159 Singapore 339410
 T: 6292-5161
 Email: sales@cetm.com.sg
 Website: www.cetm.com.sg

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Specifications	
Resolution	0.01 from 0-100
	0.1 from 100-1000
	1 from 1000- 99,999
Accuracy	± 0.02% of reading or ±1% digit
Display	5-Digit LCD, 10mm high
Decimal Point	Automatic
Memory System	Maximum, minimum average and last reading (retained in memory for the life of batteries)
Measurement System	
Non-Contact	Visible LED Light Bean
Contact	Contact adapter
Engineering Units	
RPM	RPM
Surface Speed	Feet/min, inches/min and meters/min
Length	Feet, inches, meters
Sensing Distance	Up to 24 inches (60cm)
Display Update Time	0.5 Seconds or one measuring period
Auto Power Off	After 30 Seconds of non-use (minimum, maximum average, and last reading retained in memory)
Battery Life	40 hours Continuous use (approx.) with Alkaline Batteries
Battery Type	2AA (1.5V) or rechargeable
Weight	6 ounce (170Grams)
Housing material	
Operating Temperature	32 to 122°F (0 to 50°C)
Storage Temperature	-4 to 158°F (-20 to 70°C)

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