

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)



Optical Mechanical	1 – 99,999 1 – 19,999		
Measuring Ranges – speed			
Wheel Size	6"	12"	0.1 m
m/min ft/min in/min m/sec ft/sec	0.10-1524 0.40-5000 4.0-60.00 0.10-25.40 0.10-83.33	0.40-609.6 0.40-2000 4.00-24.000 0.10-10.16 0.10-33.33	0.10-1999 0.40-6550 4.00-78.70 0.10-33.30 0.10-109

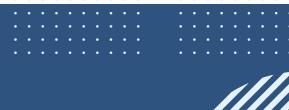
Acision TM-1100 Complete set: Gauge, contact adapter, cone tip adapter, 6" circumference universal surface speed wheel, reflective tape, operating instructions and foam-fitted, hard plastic carrying case.

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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pecifications		
	0.01 from 0-100	
Resolution	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, minimun 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 Continous 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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