

DUAL DIGITAL TACHOMETER

The **MR-275** is mechanical-optical dual tachometer that will allow the user to make revolutions per minute (RPM's) and speed (m/min.) measurements. Can be used with any motor or device. It offers a high accuracy (0.005%) up to 1 m distance (without contact).

Small size and battery powered make it an easy and portable instrument. In addition its ergonomic design allows to be used comfortably with a single hand.

Valued features:

- World's patent, Multi-functions
- Laser light beam for photo tachometer, long measuring distance up to 100 cm at least.
- Wide measuring range from 0.5 to 100,000 RPM.
- 0.1 RPM resolution for the measured value < 1000 RPM.
- The last value, max., value, min. value will be stored into the memory automatically & can be obtained by pressing MEMORY CALL BUTTON.
- Large LCD display
- High visible LCD display gives RPM reading exactly with no guessing or errors & saves battery energy.



SPECIFICATIONS	MR-275		
Measurement & Range Photo Tachometer Contact Tachometer Surface Speed	5 to 99.999 RPM 0.5 to 19.999 RPM m/min. - 0.05 to 1,999.9 m/min ft/min. - 0.2 to 6,560 ft/min	Photo Tach. Laser Light source	Less than 1 mW. Class 2 laser diode. Red Wave length is 645 nm approximately
		Operating Temperature	0 ° to 50 °C (32 ° to 122 °F)
Resolution RPM m/min. ft/min.	0.1 RPM (< 1.000 RPM) 1 RPM (≥ 1.000 RPM) 0.01m/min. (< 100 m/min.) 0.1m/min. (≥ 100 m/min.) 0.1 ft/min. (<1.000 ft/min.) 1 ft/min. (≥ 1.000 ft/min.)	Operating Humidity	Less than 80% R.H.
		Memory	Last/Max./Min. value
		Battery	4 x 1.5V AA batteries
Display	LCD, size 60 x 30 mm 5 digits (99.999 count)	Consumption Photo type Contact type	Approx. DC 53 mA. Approx. DC 10 mA.
Accuracy	± (0.05% + 1 digit)	Size	215 x 75 x 38 mm. (H. x W. x D.)
Photo Tachometer Detecting distance	5 to 100cm typically	Weight	260 g.
Time base	Quartz crystal	Accessories Included	Carrying case, Reflecting tape marks Contact adapters (cone/funnel/wheel) User's manual 4x 1.5V R6V AA batteries Protective cover for emitter laser
Circuit	Exclusive one-chip of microcomputer LSI circuit		