

## Advent Professional Optical/Contact Tachometer A2103/LSR/K combined laser optical

- A very versatile multipurpose Tachometer/Counter, with both Optical or Contact rpm, linear rate/distance ranges
- Additional remote Laser Optical Sensor for rpm monitoring in difficult access applications
- Unique inverting display, allows easy reading when in limited access situations
- Optical range of up to 2 metres - the optical performance is second to none
- Time & Count modes
- Data capture and very fast response modes - 0.1 seconds update time
- Made in UK
- Traceable certificates supplied as standard

### Signal Input features

5v Pulse Input Signal is via the 3,5mm stereo Jack socket on the rear of housing, this can be used with one of our remote optical sensors.

Alternatively it can be used to measure any pulse rate signal up to 5v p-p.

### Contact measurement

Measurement units - Revs - Metres - Feet - Yards per min and per second or length in 0/1 metres units Time interval or reciprocal speed - for very slow rates in seconds/rev Count mode - counts distance or revs

### Additional information

Special capture and averaging features:  
 Maximum - Captures max. speed in 0.1 secs  
 Minimum - Captures min. speed in 0.1 secs  
 Timebase - 0.1 seconds in Capture mode  
 Average - Averages over last 8 readings

Supplied with own carry case

### General Specification

Laser	(internal & remote)
Optical range	50 - 2000mm
Angle	+/- 80°
Light Source	1mw Laser 635nm class II
Speed range	3 - 99,999 rpm or rps equiv
Resolution	max. 0.001 (autorange)
Accuracy	0.02% of reading +/- 1 digit
Update	0.8 sec
Capture mode	0.1 sec
Count	0-99999 revs or length in linear
Time interval	0-99999 secs (autoranging)
Memory	Holds last reading 1 minute
On target ind.	Yes
Low battery ind.	Yes
Signal input	3.5mm socket for ext. Optical Sensor
Remote Sensor	MiniLaser with 1 metre cable supplied
Power	4 x AAA batteries-supplied
Contact Adapter	Supplied
Reflective tape	Pack of tape supplied

