

## Advent combined Laser Optical/Contact Tachometer Kit including additional Remote Laser Sensor

### Main features - Model A2103/LSR/K

- 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 certificate supplied as standard

### General Specification

#### Optical systems - LASER (Internal & remote)

- Optical range** - 50 - 2000mm
- Angle** - +/- 80 Deg.
- Light source** - 1mw Laser 635nm class II
- speed range** - 3 - 99,999 rpm or rps equiv.
- Resolution** - max. in autorange 0.001
- Accuracy** - 0.05% +/- 1 digit
- Update time** - 0.8 sec
- Capture mode** - **0.1 Sec**
- Count** - 0-99999 revs or length in linear
- Time interval** - 0.01 -99999 secs (auto)
- Memory hold** - Holds last reading 1 minute
- On target ind.** - Yes
- Low bat. ind.** - Yes
- Signal input** - 3.5mm socket for ext. Optical Sensor
- Remote Sensor** - MiniLaser with 1 metre cable supplied
- Contact Adaptor** - Supplied
- Carrycase** - Supplied
- Power** - 4 x AAA batteries - supplied
- Reflective Tape** - Pack of tape supplied

### 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

Unique LCD Display features vertical reading with 180 deg. inversion capability

### Signal input features

#### 5v Pulses

Signal input is via the 3.5mm stereo jack socket on rear of housing, provided for MiniLaser Remote Sensor input. This input can be used to measure any pulse rate related signal up to 5v p-p.

### Contact measurements -

#### 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.

### Accessories -

- Heavy duty contact adaptors
- Type A2100/07 - Smooth wheel
- Type A2100/08 - Serrated wheel
- A2100/05 - Yarn/wire speed/length Adaptor
- MVLS-BR1 - MiniLaser mounting bracket



MVLS-BR1 Bracket

### Complete Kit



**Order code - A2103/LSR/K**