

Advent Professional Combi Engine Tachometer (Diesel/Petrol/Contact & Optical Laser)

A2107

The **A2107** is ideal for testing all types of engines and rotating component speeds such as Fans, blowers & transmissions. Designed for both Optical and dedicated petrol or diesel hand held testing of all types of engine driven vehicles & machinery, pumps, compressors and similar engine driven equipment.

The Hands Free mode functions in both Diesel & Petrol engine modes which is ideal for bench or workshop testing.

General Specification- Petrol Mode

Speed ranges	60 - 18,000 rpm
Resolution	10 rpm
Accuracy	0.05% +/- 1 digit
Display type	5 Digit LCD - Inverting (180deg)
Display Update	0.8 sec (normal mode)
Capture mode	0.1 seconds
Controls	On, invert, Capture, ratio
Auto off	Auto off when inactive for 5 minutes
Low batt. ind.	Yes in display
Signal indicator	Yes in display
Antennae int.	Range up to 75mm - supplied
Remote	Supplied - 0.5m cable with clip

General Specification - Diesel Mode

Speed range	60 - 8,000 rpm
Resolution	10 rpm
Accuracy	0.05% +/- 1 digit
Display type	5 Digit LCD - Inverting (180 deg)
Display Update	0.8 sec (normal mode)
Capture mode	0.1 seconds
Controls	On, invert, Capture, select programme
Auto off	Auto shutdown if inactive for 5 minutes
Low batt. ind.	Yes in display
Signal indicator	Yes in display

Optical Laser Mode

This extremely versatile mode allows the user to measure speeds of almost any machine or equipment where an exposed shaft is visible and on which a reflective marker can be attached. Ideal where engines cannot be accessed through the ignition system or Diesel injector pipework, the user simply needs to attach a small self adhesive reflective tape marker to the shaft which requires measurement, then measure from up to 2 metres away.

A optional contact adaptor is also provided for applications where an end of shaft is accessible.

General Specification

Optical system	Laser - range 50 - 2000mm
Laser type	1mw 635nm - for portable use
Speed range	3 - 99,999 rpm
Resolution	1 rpm
Accuracy	0.05% +/- 1 digit
Display type	5 Digit LCD - Inverting (180 deg)
Display Update	0.8 sec (normal mode)
Capture mode	0.1 seconds
Controls	On, invert, Capture, select programme
Low batt. ind.	Yes in display
Signal indicator	Yes in display
Power	4 x AAA batteries - supplied
Transducer cable	1 metre cable & connectors included

Supplied with own carry case



A2107 Kit includes-

- 1 pc A2107 Tachometer
- 1 pc Transducer Cable assembly
- 1 pc Stub Antenna
- 1 pc Remote antenna
- 4 pcs AAA Batteries
- 1 pc Test certificate
- 1 pack Reflective tape (used in Optical mode)
- 1 pc Instructions
- 1 pc Transducer DES/10 (6mm)
- 1 pc Custom carry case
- 1pc Contact adapter



Order codes	Description
A2107	Combi Tachometer Kit
Injector pipe Transducers standard	
Codes	pipe size
DES/09	4.55mm
DES/10	6.00mm (Most frequent type)
DES/11	6.35mm (1/4")
DES/12	8mm
DES/14	7mm
DES/15	10mm
Special sizes available	
Cable accessories	
DES/13	10 metre extension cable