

SM8237 NON-CONTACT GASOLINE ENGINE TACHOMETER WITH COMBINATION THERMOMETER

SM8237
engine
tachometer

Applications:

For RPM measurement of 2 strokes and 4 strokes gasoline engines, and also the engine temperature.

Technical Data:

RPM measurement range: See table below
 RPM measurement accuracy:
 100 ~ 11999rpm: +/-1rpm;
 12000 ~ 20000rpm: +/-2rpm
 Measurement distance: 30 ~ 200mm
 Display: 5 digit LCD display
 Sampling time: 0.6s/time
 Memory: MAX/MIN/LAST data memory and 100 data storage/recall
 Temperature measurement range:
 0°C ~ 200°C / 32°F ~ 392°F
 Accuracy: +/- 2°C Resolution: 0.5°C

RPM Measurement Ranges

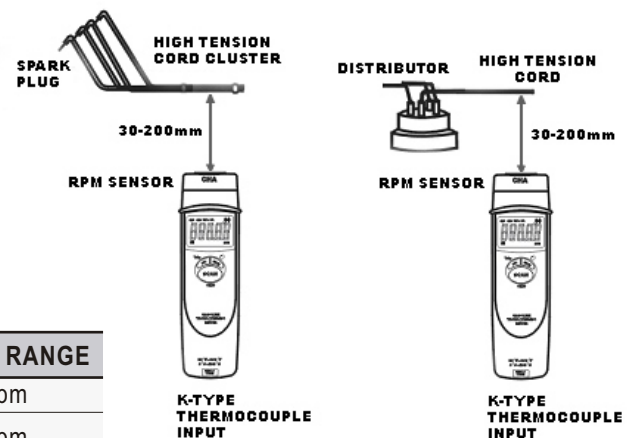
PULSE PER ROTATION	4 STROKES	2 STROKES	MEASUREMENT RANGE
1 P/R	2 cylinders		100~20000rpm
3/2 P/R	3 cylinders		100~20000rpm
2 P/R	4 cylinders	2 cylinders	100~20000rpm
5/2 P/R	5 cylinders		100~20000rpm
3 P/R	6 cylinders	3 cylinders	100~15000rpm
4 P/R	8 cylinders		100~10000rpm
6 P/R	12 cylinders		100~9000rpm

Features:

- Non-contact RPM measurement for gasoline engines;
- For RPM measurement of 2 strokes and 4 strokes gasoline engines;
- Engine cylinder setting: 2/3/4/5/6/8/12
- Triggering level selectable to suit different measurement environment;
 - UP/LOW limit alarm setting with buzzer alarm;
- RPM measurement status indicator, incorrect measurement method can be recognized easily;
 - Contact temperature measurement; °C / °F selectable
- MAX/MIN/LAST measurement data recall;
 - Up to 100 measurement data storage and recall;
 - Compact size and portable, easy to carry and operate;
 - Battery operated, auto sleep mode;
 - Large LCD display;
 - Low battery indicator.

Measurement Principle:

This tester is equipped with non-contact sensor to pick up the pulse emitted from the ignition high tension cord of gasoline engine; and its micro-processor calculates the RPM according to the pulse/rotation rule (as shown in the table below).



Glentest

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