

# GASOLINE ENGINE TACHOMETER

Model : DT-2237

ISO-9001, CE, IEC1010

## FEATURES



- \* High precision gasoline engine RPM measurement, measurement just clamp the Inductive Pick Up sensor to the high tension wire.
- \* Secondary tach. measuring method, no matter what cylinder is.
- \* 4 cycle & 2 cycle select switch, available the automobile engine, motorcycle engine, generator engine...
- \* 0.05% accuracy, high precision.
- \* Wide measuring range from 10 to 50,000 RPM.
- \* Separate inductive pick up sensor.
- \* Memory the last value, max., value, min. value.
- \* Used the exclusive one chip Micro-Computer LSI circuit, crystal time base.
- \* Durable housing case.



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***The Art of Measurement***

# GASOLINE TACHOMETER

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SPECIFICATIONS	
Measured Engine	4 cycle - 2,3,4,5,6,8,10,12.. no matter what cylinder is.
	2 cycle - 1,2,3,4.. no matter what cylinder is.
Reading Range	10 to 50,000 RPM.
Resolution	0.1 RPM ( $< 1,000$ RPM ), 1 RPM ( $\geq 1,000$ RPM).
Display	5 digits, 10 mm ( 0.4 " ) LCD.
Accuracy	$\pm (0.05 \% + 1 \text{ digit})$ .
Sampling Time	Approx. 1 second.
Memory	last value, Max. value, Min. value.
Time Base	Quartz crystal.
Circuit	Single chip C-MOS micro-computer.
Signal Sensor	RPM inductive pick up sensor.
Signal Sensing	Secondary Tach. measuring method, no matter
Principle	what cylinders is.
Housing	Durable ABS plastic.
Battery	4 x 1.5 V AA ( UM-3) battery.
Power Consumption	Approx. DC 10 mA.
Power Failure	Build in low battery indicator.
Operating Temp.	0 to 50 °C (32 to 122 °F).
Operating Humidity	Less than 90 % RH.
Dimension	Main instrument - 190 x 72 x 37 mm ( 7.5 x 2.8 x 1.5 inch).
Weight	250 g/0.55 LB (including battery, w/o sensor).
Accessories	RPM inductive pick up sensor..... 1 PC.
Included	Carrying case..... 1 PC.
	Instruction manual..... 1 PC.

## MEASURING PROCEDURES

- 1) Select engine type (4 or 2 CYCLE engine) from CYCLE selector .
- 2) Insert the PLUG into the SOCKET.
- 3) Connect the RPM INDUCTIVE PICK UP SENSOR to the HIGH TENSION WIRE of No. 1 SPARK PLUG ( or No. 2, No. 3... SPARK PLUG).
- 4) Push the MEASURING BUTTON, verify that the " Monitor Indicator " lights when the signal input. Then the display will show RPM reading and update every second.

\* Appearance and specifications listed in this brochure are subject to change without notice. 0604-DT2237