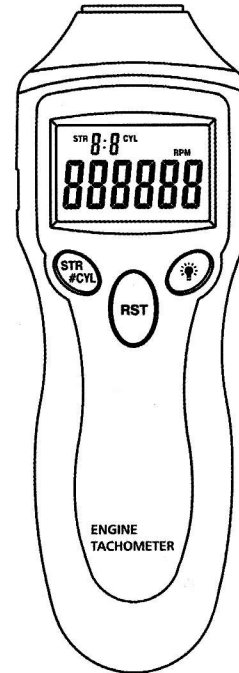


# ENGINE TACHOMETER USER

## INTRODUCTION



## 1. EATURE

- 1) Engine tachometer can measure rpm of engine by bringing it close to plug cord of the engine. This tachometer has many measuring modes for various types of engines like 2 stroke (1 and 4 cylinders), 4 stroke (1, 6 and 8 cylinders). An antenna lead is supplied to use if needed.
- 2) Wide measure range and high resolution.
- 3) High visible digital LCD and Backlight display.

## 2. SPECIFICATIONS

Display	6 digits LCD display.
Accuracy	±10 RPM
RPM display interval	0.5sec
Dimensions (L X W X H)	156mm*42mm*20mm
Main body weight	177g
Accessories	Antena lead and hang strap
Measuring method	Count Pulses
Power Supply:	9V Battery
Operation temp:	0°C to50°C.

## 3. Rang of Measure

Measurable Engine		Measurable RPM Range
Stroke	Cylinder	
2	1	100~20000
4	2	
4	3	100~13000
2	2	100~10000
4	4	
2	3	100~6500
4	6	
4	1	100~20000
4	5	100~7000
2	4	100~4800
4	8	

## 4. TACHOMETER INTRODUCTION

### BUTTON INTRODUCTION

- RST: THE POWER ON AND RESET BUTTON
- STR#CYL: SELECTING ENGINE'S STROKE OR CYLINDER COUNTS

- BACKLIGHT: PRESS BUTTON EACH TIME ALTERNATELY TO SELECTING BACKLIGHT OR FRONT-POINT LIGHT'S PHASE.

#### LCD AREA INTRODUCTION

- STR: SELECTING OF ENGINE'S STROKE COUNTS
- CYL: SELECTING OF ENGINE'S CYLINDER COUNTS
- RPM: ENGINE'S ACTUAL SPEED.

#### 5. MEASURING MANUAL

- 1) OPEN THE ENGINE'S TOP TO CHECK EACH CYLINDER'S IGNITION HIGH VOLTAGE COIL AND THE GENERAL IGNITION HIGH VOLTAGE COIL.
- 2) PUT THE SIDE WITH CLINCHER OF THE ANTENNA CLAMP ON THE GENERAL IGNITION COIL AND THE OTHER SIDE CONNECT TO THE ANTENNA'S SOCKET .
- 3) PRESS "RST" BUTTON TO TURN ON .

### **WARNING!!**

**To avoid dangerous, take care don't make the antenna drop into the engine when do testing! The engine's temperature are high, do not touch! If the instrument is not to be used for any extended period, Please remove battery.**

- 4) PRESS BUTTON "STR#CYL" TO ADJUST THE OPTIONS, MAKE THE STROKE COUNTS AND CYLINDER COUNTS CORRESPONDING TO THE TESTING AUTO'S STROKE AND CYLINDER COUNTS.
- 5) AT THIS TIME, THE ENGINE TACHOMETER COLLECTS IGNITION PULSE OF THE GENERAL IGNITION COIL THROUGH THE ANTENNA, AND CALCULATE THE TESTING AUTO'S TIMING SPEED ACCORDING TO THE LINKS BETWEEN CYLINDER AND STROKE .
- 6) UNIT OF RPM: rpm/MIN

