

# JH APT-100 synopsis

## Product



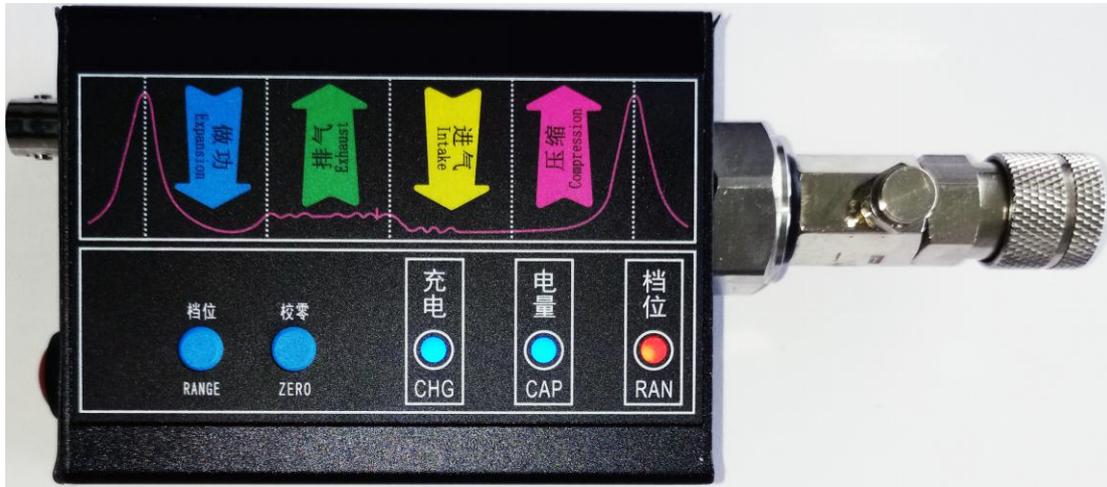
## packaging:

### Accessories description:

Category	Name	Number
Machine	Automotive special pressure transmitter host	1/set
	18650 lithium battery	<b>Do not contain</b>
	Charging head	1/set
	Charging line	1/set
Attachments	BNC-BNC line	1/set
	Manual (U disk)	1/set
	Connection hose	1/set
	Extension connecting aluminum rod	1/set
	Small screw up / small screw	1/Several
	M10/M14/M16/M18 Adapters	1/each

**Note: Be sure to use the original charger for charging**

## JH APT-100 Appearance



Product has 3 buttons:

1. PWR(red) Power button: Long press for 4 seconds to turn on, long press for 4 seconds to turn

off

2. RANG(Gear key) : Switch the measurement zoom position(See below for details).
3. ZERO(Zero key): When there is no external pressure measuring part,One-click midline value returns to zero.

**Do not connect the charging cable directly without installing a battery**

## **JH APT-100 Parameter Description**

The device has three gears:

Effectively analyzes many automotive pressures including cylinder compression, intake manifold vacuum, and exhaust pulses.

1.(Corresponding RAN red light)

-15 to 500psi(34.5bar)

1V/100psi(6.89bar)

Suitable for running cylinder compression tests.

2.(Corresponding RAN green light)

-15 to 50psi(3.45bar)

1V/10psi(0.689bar)

Suitable for vacuum test.

3.(Corresponding RAN blue light)

-2.5 to 5psi(0.345bar)

1V/1psi(0.0689bar)

Suitable for analyzing small pressures or pulses such as exhaust back pressure.

Minimum pressure change response time> 2uS

Operating temperature -10C - 60C

battery capacity 3600mA.

Fully used for more than 10 hours at a time.

Charging instructions:

Charging voltage: 3.7V, can be fully charged in 4 to 5 hours.

When the device is charging, the charging LED will flash.

Battery level display in 3 levels:

1. Sufficient battery: green
2. Normal power: blue
3. Low battery: red

It is recommended to charge when the battery is low.

## JH APT-100 Size description

long 185mm

width 76mm

high 37mm

Weight 418g

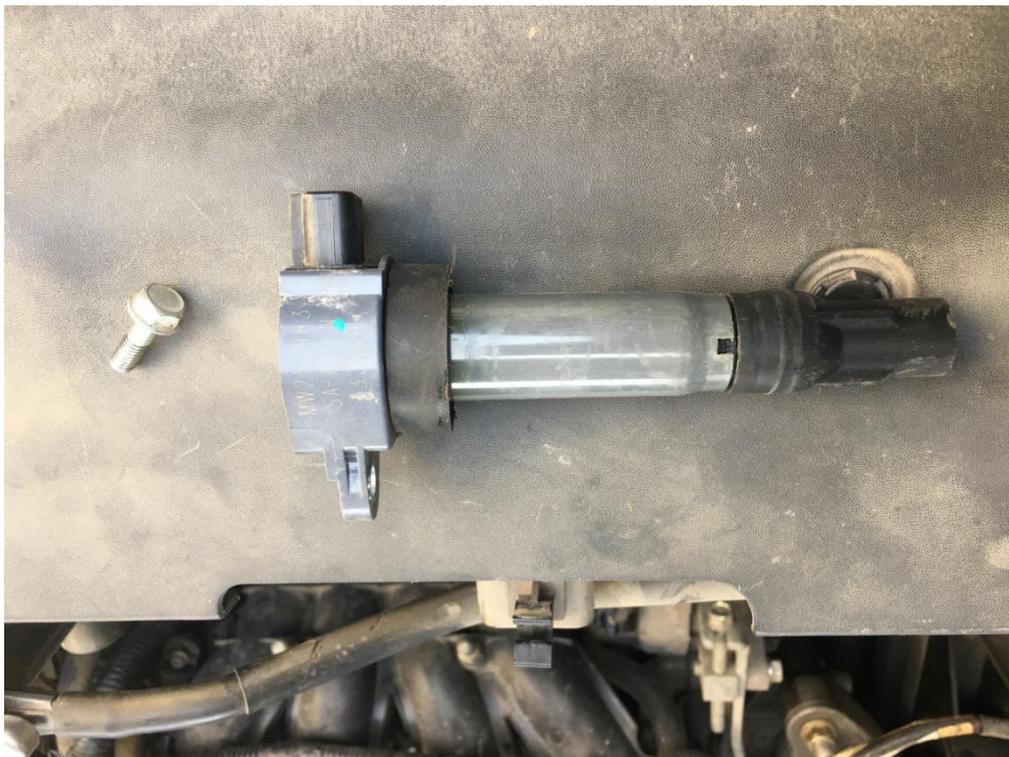
## JH APT-100 使用方法(以汽缸压力为例)

1. Open the engine compartment

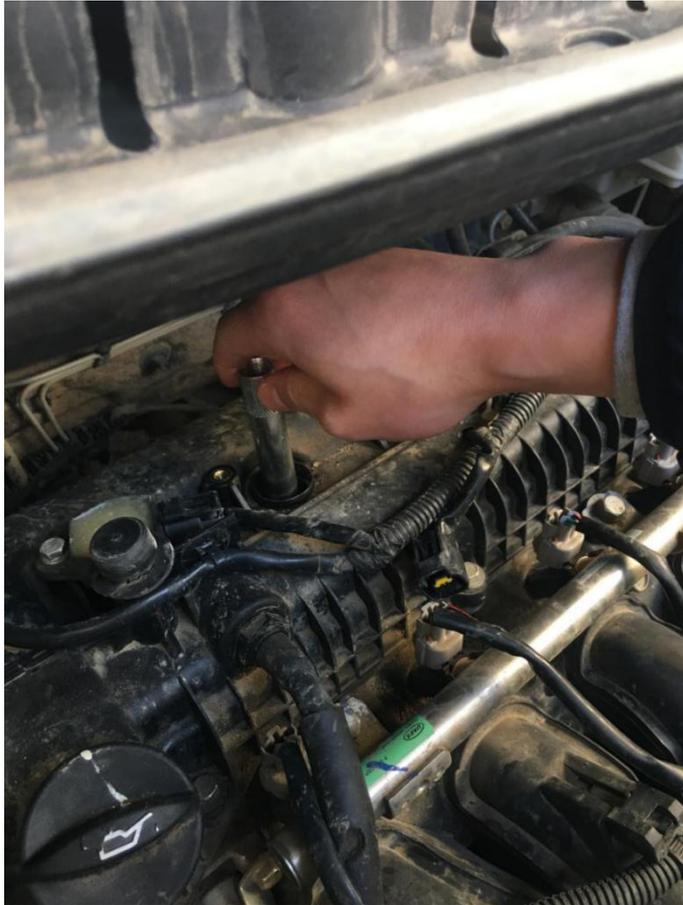


2. Remove the ignition coil

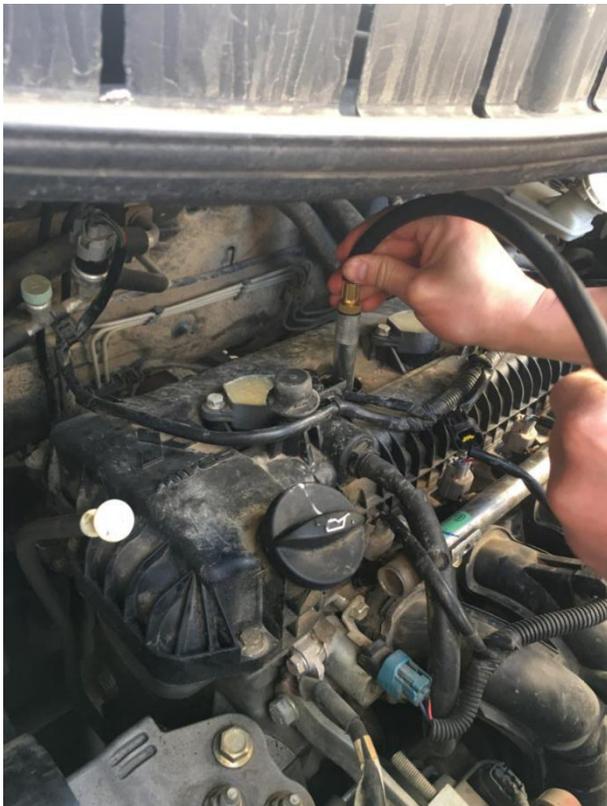




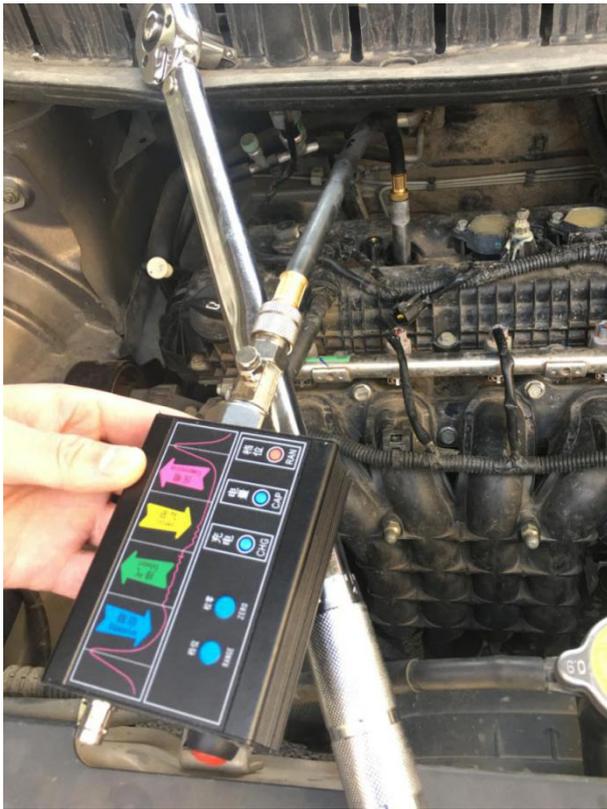
3. Select the appropriate adapter (some cars do not require an adapter to directly use an extended aluminum tube), and screw the extended aluminum tube into the ignition coil.



4. Connect the connecting hose to the extension aluminum tube.



5. Connect JH APT-100 with hose



6. Connect the oscilloscope with a BNC-BNC cable, set the time base (25ms), the range (100mV) for the ignition engine, and select the trigger automatically, which is normal..

