

## Brake Oil's Moisture Detector Manual

### Warning

Please read the instruction manual carefully before use and strictly observe the safety rules and the caution, attention and warnings listed in the instruction manual.

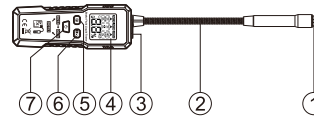
### Warning

- The protection provided by the detector can be affected and disabled, unless you operate it according to the instructions.
- Do not use the detector if the screen does not display.
- Do not use the detector if it is damaged or does not work properly.

- Check the probe of the probe for dirt, cracks, or breaks before using. If you suspect that there is a problem, please send it for repair in time.
- The test results of the detector are for reference only, and the company does not assume any liability for personal and property losses caused by the customer using the test pen for final decision.
- When using the detector to test the liquid, the metal part of the detector probe must be completely immersed in the liquid.
- Comply with local and

national safety regulations and use appropriate protective equipment as required by local or national authorities.

### **The Meter Structure**



- ① Probe
- ② Free Pole
- ③ Lighting
- ④ Display
- ⑤ Function key
- ⑥ Hold/Light key
- ⑦ Power key

### **Operation Description**

#### **Turn on / off**

Turn on: Hold down the power key more than 1 second, after the buzzer beeps, the screen lights up and enters the test state.

Turn off: Press the power key to shut down the machine when the detector is on.

#### **Function Key**

The default brake oil type detected by the detection pen is DOT3. Press the function key for the first time to switch to DOT4; press again to switch to DOT5; the third time press the function key will back to DOT3, and so on.

#### **Moisture Detection**

After startup, Select the brake oil type to be test.

Make sure the probe is clean before testing. Dip the metal part of the detection head into the tested liquid for 3 seconds, until the display is stable, observe the state and read the numerical value. The value of 0~2%, bright green backlight, which express the brake oil can still be used. The value of 2~3%, the backlight is yellow, and the buzzer buzzes slowly, please change the brake oil. The value is greater than 3%, bright red backlight, and the buzzer buzzes quickly, please change the brake oil immediately.

### **Data hold**

When measuring, press the

hold/lighting key, the data is hold; once press again, release the hold data.


### **Lighting**

When measuring, long press the hold/lighting key, open the lighting; once press again, close the lighting .

### **Auto power off**

When no concentration is measured within 5 minutes, the meter will auto power off, to extend battery life.

### **Low battery**

When the battery voltage is lower than 2.6V, the screen will display “

when undervoltage is displayed.

### **Technical Specification**

Detection range:

0%~4%

Error range:  $\pm 0.3\%$

Brake oil type:

DOT3, DOT4, DOT5.1

Operation environment:

Operation temp: 0~40°C

Storage temp: -10~50°C

Humidity:  $\leq 95\%$

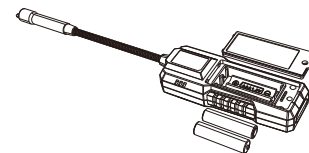
Altitude:  $\leq 2000\text{m}$

Battery: 2×1.5V AAA

### **Replace the Battery**

Unscrew the battery cover screw, open the battery cover as shown below, then remove the old battery and install the new battery according to the positive and

negative instructions of the battery.



### **⚠ Warning:**

Be sure to protect the detection head. If the metal probe is corroded, scratched or oxidized, the detection accuracy may be affected. After testing the liquid, please clean the detection head first; otherwise, the test result may be affected.

### **Clean**

Clean the detector by wet close.

Note : After cleaning, the test pen must be completely dry before use.