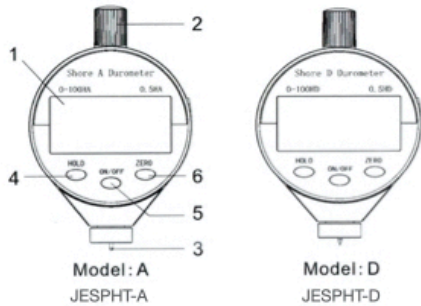


# Product Instruction

Please read the product instruction carefully and use the product correctly under the instruction



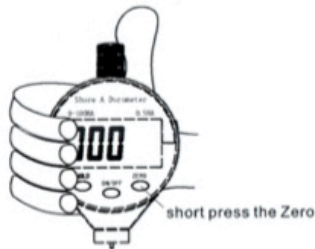
## 1. Product Figure and Buttons

1. LCD: display measured values
2. Dust cap: prevent foreign bodies from entering the product
3. Probe base (measuring head): contact the object to be measured
4. HOLD button: short press to lock/unlock the indicating value
5. ON/OFF button: short press to start/shut down
6. ZERO button: short press to set zero

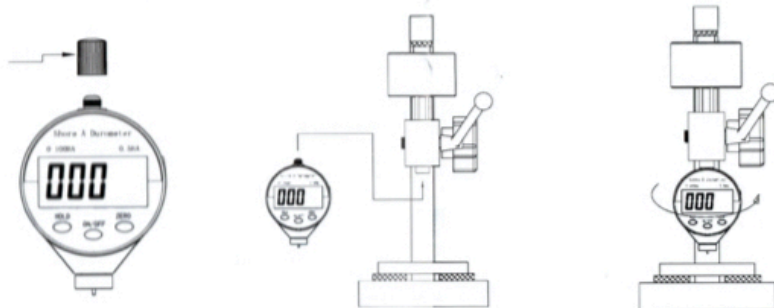
## 2. Use steps

Method 1: handheld use:

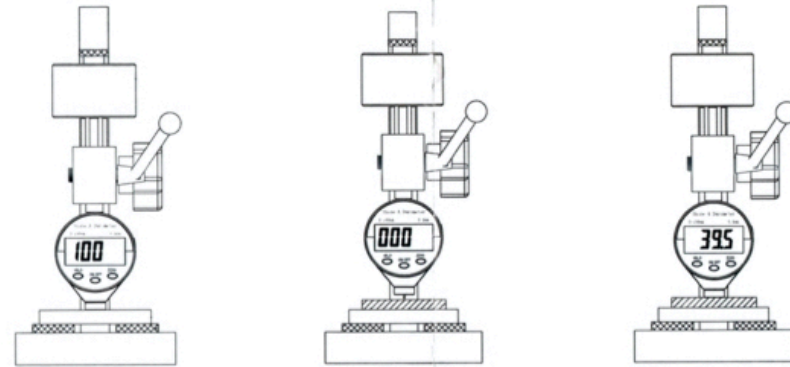
Turn on, short press the Zero button to set the measuring tool to zero, and the screen shows "000" then place the material to be tested on the glass plate or steel plate or other hard plane, hand hold the measuring tool close to the material to be tested, apply the force of approximately 10N(1KG force) to put the measuring probe base onto the material to be tested, read the Ha hardness of the material directly from the digital screen;



Method 2: use with the test platform: 1) Turn on, short press the Zero key to set the measuring tool to zero. Take off the dust cap by rotating it to the right, then rotate counterclockwise the measuring tool into the thread installation hole in the test frame and fasten, adjust the position knob on the test frame to make the screen face to the user for easy to look at, now the installation is finished



2) After installation, press downward and adjust the handle slowly, the measuring tool moves fall freely under the gravity action of the weight, and the probe base of the measuring tool contacts with the test platform, observe the value on the screen, if does not reach 100, continues adjusting the height of the two knobs to make the test platform parallel to the measuring probe base, until 100 appears on the screen and start to measure. Give up the release handle and lift the measuring tool to its original position, place the material to be tested on the platform, slowly press downward and give up the handle, under the gravity of the weight, the measuring tool acts on the surface of the material being tested, and show the hardness of the tested material directly from the screen..



## 3. Product characteristics

- Shore A type silicon/rubber hardness tester
  - Range of measurement: 0-100HA
  - Resolution ratio: 0.5HA
  - Accuracy of indication:  $\pm 2HA$
- Shore D type hard rubber hardness tester
  - Range of measurement: 0-100HD
  - Resolution ratio: 0.5HD
  - Accuracy of indication:  $\pm 2HD$
- Capacitive grate relative measurement system
- Response speed: 3m/s
- CR2032 lithium battery, battery life>1 year
- Protection class: IP40
- SPC data output
- Automatic power-off: No
- Probe stroke: 0-2.5mm
- Probe head size:  $\phi 0.79mm$
- Working temperature: 0-40°C
- Storage and transportation: -20-70°C
- Environmental humidity: <80%

## 4. Caution

- Using Shore A type silicon / rubber hardness tester, the thickness of silicon / rubber block to be tested should not be less than 6mm, and the area should not be less than 200mm<sup>2</sup>
- Shore D type hard rubber hardness tester is suitable for hardness measurement of hard rubber and soft metal.

## 5. Failure removal

- In the case of incorrect data display, no LCD display, please replace the battery.



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Although you own the high-quality product, like any other electronic product, appropriate attention is necessary, avoid the product contact with liquid, exposure in sunshine, do not disassemble or collide the product.

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