



# DIGITAL MOTORIZED ROCKWELL HARDNESS TESTER

- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*



## **BRH-150DTS**



## Keypad



Pressing and holding for about 2 seconds (long pressing) to power on or off.

This key will be invalid when the power is plugged in from the back socket. Now, the indicator will automatically power on or off as the power is turned on and off.

### Under the Measurement



Set the display to initial value of hardness, 100 or 130.



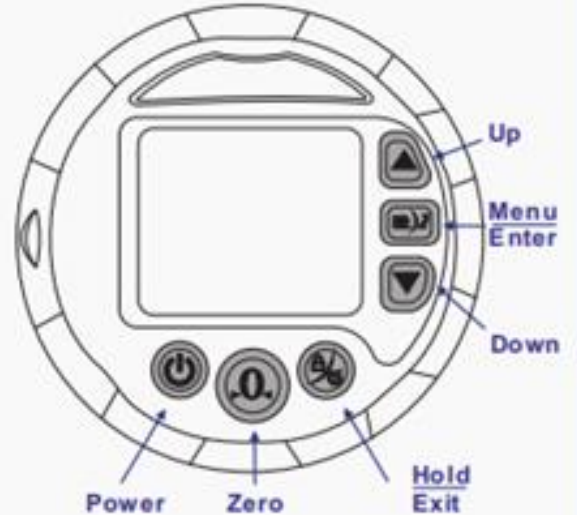
To Locking the value of hardness. Return to measuring interface.



To browse data saved in memory. Press to return.



To view current setups. Press to return.



### Under the Menus



Enter or confirm the setting.



Changing the setting. Move digit.



Exit or return to the previous item.



Move the setup item up. Or increase the value.

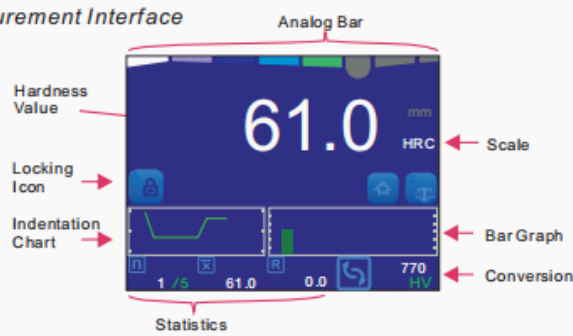


Move the settings item down. Or reduce the value.

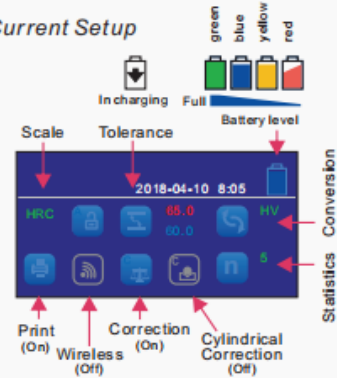


### Display

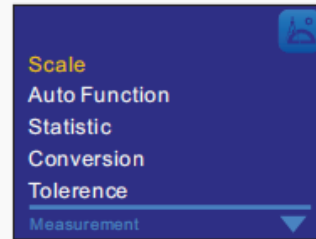
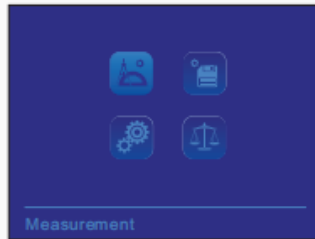
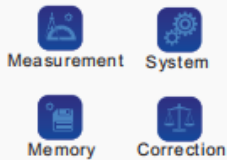
#### Measurement Interface



#### Current Setup



#### Menus Interface



\* The yellow word indicates the currently selected item

### Test Procedure

- Lift the test piece, until the indicator reading is between 2.80mm and 3.20mm (Zeroing zone).

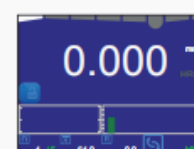


Zeroing automatically.  
For scales of A,C,D,N,T,W,X,Y, to be initialized to "100".  
For the other scales, to be initialized to "130".

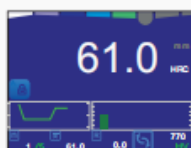
- Loading the main test force.



- Lower and remove the test piece. The indicator turns to "0.000mm".



- Unloading the main test force.



Locking the hardness number automatically or pressing



### DESCRIPTION:

The Rockwell hardness test can choose different indenters and test forces according to the hardness range of the material and the test thickness, and use different scales to indicate them. The most commonly used scales are A, B, and C scales. The following table shows the test forces of commonly used scales. Indenter, the value of constant K, the scope of application and application examples.

### TECHNICAL SPECIFICATION:

Model No.	BRH- 150DTS
Initial test force	98.07N (10kgf)
Total test force	588.4N (60kgf) 980.7N (100kgf) 1471N (150kgf)
Display Digital Rockwell	Meter display
The maximum height of the test piece is 100mm when the screw protective cover is added	200mm without screw protective cover
The distance from the center of the indentation to the wall of the machine is	155mm
Overall dimensions of hardness tester	550×200×770mm
Working voltage	220V/50HZ
Net weight of hardness tester	83kg/90kg in packing box

\* Image is for reference purpose only; due to continuous product development and upgradation the image and specification are subject to change.