

Digital Radius Gage

Resolution: 0.01mm/0.001"

Accuracy: $\pm 0.005R$ (R is the radius to be measured)

Range of radius: R5-910mm/0.2-35.83"(external radius measurement)

R7-910mm/0.3-35.83"(external radius measurement)



1- LCD display

2- Buttons

3- Measuring jaw S=60mm

4- Battery cover

5- Data output

6- Measuring tip

7- Measuring jaw S=100mm

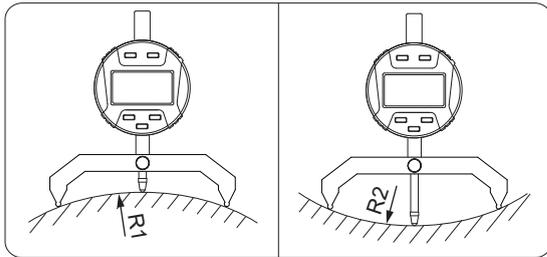
8- Measuring jaw S=30mm

9- Measuring jaw S=20mm

10- Measuring jaw S=10mm

11- Lengthening measuring

1. The gage can be used to measure radius (R1, R2) of internal and external arcs. The display as fig.1.



Display:

1. R1 means external radius measurement

2. Radius of arc

3. Chord height H

4. R2 means internal radius measurement

5. S is the selected measuring jaw

6. Reading hold mode



fig.1

- Please prevent liquid from getting into the gage to damage electronics.
- Install and remove battery (CR2032), the negative side of battery should face out (fig.2).



- Buttons:

Long press: longer than 2 seconds; short press: less than 2 seconds.

S---Short press it to select the measuring jaw.

ZERO---Short press to set zero.

HOLD---Short press it to keep the reading and "H" appears. Short press it again to exit.

in/mm---Short press for mm and inch conversion.

ON/OFF---When display is powered off: short press to turn on display; when display is powered on: short press to turn off display.

Shutdown time setting:

After shutting down, press and hold the mm/in button, short press the ON/OFF button to turn on, after displaying "----", release the mm/in button to enter the shutdown time mode setting, the default display is "6.0", which means it will automatically shut down after 6 hours of standing, short press mm/in the key can switch the value, and it can switch between 0 and 6 hours every 0.5 hour. When the switch display is "0.0", it means that the gage will not automatically shut down.

5. How to use

- Select the measuring jaws according to below table, then adjust the value of S which is on display, and to make it consistent with the measuring jaw.

Size of measuring jaws	Range of radius (R)	
	External radius measurement	Internal radius measurement
S=10	R5-R11mm	R7-R13.4mm
S=20	R11-R22mm	R13.4-R25mm
S=30	R22-R83mm	R25-R87mm
S=60	R83-R250mm	R87-R250mm
S=100	R250-R910mm	R250-R910mm

- Set zero: Put the gage on a plain surface and set zero.

- Put the gage on an arc, "R1", "R2" will be displayed automatically.

Caution: When measuring, the measuring tip must be perpendicular to the measuring surface and please prevent measuring tip from being scratched or damaged. Do not operate abruptly, drop or strike the gage.

- If there is nothing on display or digits blurring, battery voltage is too low, please replace battery. If digits do not change when buttons are pressed or measuring tip is moved, take out battery and put it back after 1 minute. Remove battery if the gage is not to be used for a long period of time.

- Working temperature is 0-40°C/32-104°F, relative humidity should not exceed 80%.