◀INSIZE▶ OPERATION INSTRUCTION
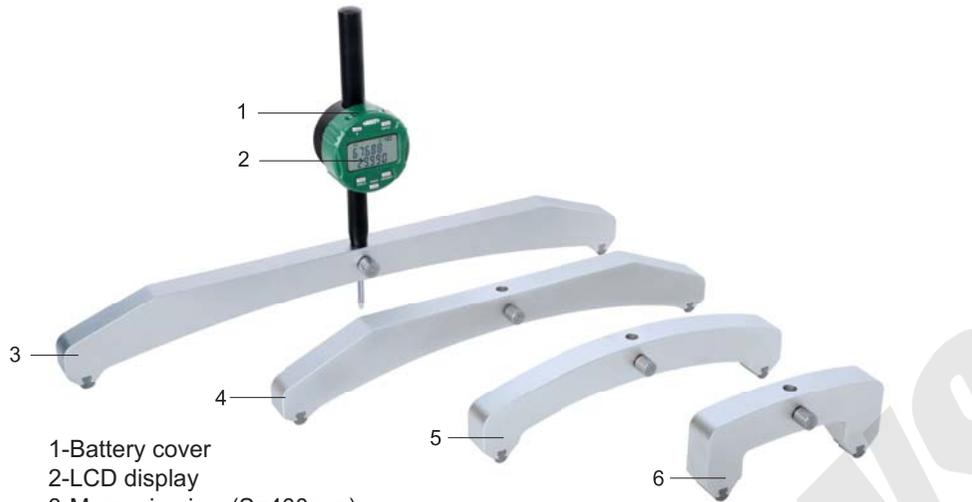
Large Range Digital Radius Gage

Resolution:0.01mm/0.001in
Accuracy:±0.005R(R is the radius to be measured)
Range:R100-15000mm/4-590in(range of external radius)
     R100-15000mm/4-590in(range of internal radius)

1-Battery cover
2-LCD display
3-Measuring jaw (S=400mm)
4-Measuring jaw (S=300mm)
5-Measuring jaw (S=200mm)
6-Measuring jaw (S=100mm)

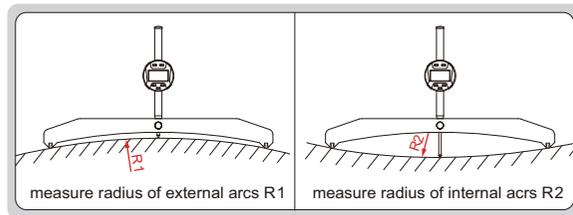1.Measure radius of internal or external arcs(fig.1),the display as fig.2.

measure radius of external arcs R1   measure radius of internal acrs R2

fig.1

fig.2

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

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2. Please prevent liquid from getting into the gage to damage electronics.
3. Install and remove battery (CR2032), the negative side of battery should face out (fig.3).

Push   Pull
           Negative
fig.3

4. 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 gauge will not automatically shut down.

5. How to use
   (1) 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.

measuring jaw	range	
	range of external radius	range of internal radius
S=100	R100-R625	R100-R625
S=200	R300-R2500	R300-R2500
S=300	R500-R11250	R500-R11250
S=400	R1100-R15000	R1100-R15000

   (2) Set zero: Put the gage on a plain surface and set zero .
   (3) 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.

6. 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.
7. Working temperature is 0-40°C/32-104°F, relative humidity should not exceed 80%.

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