

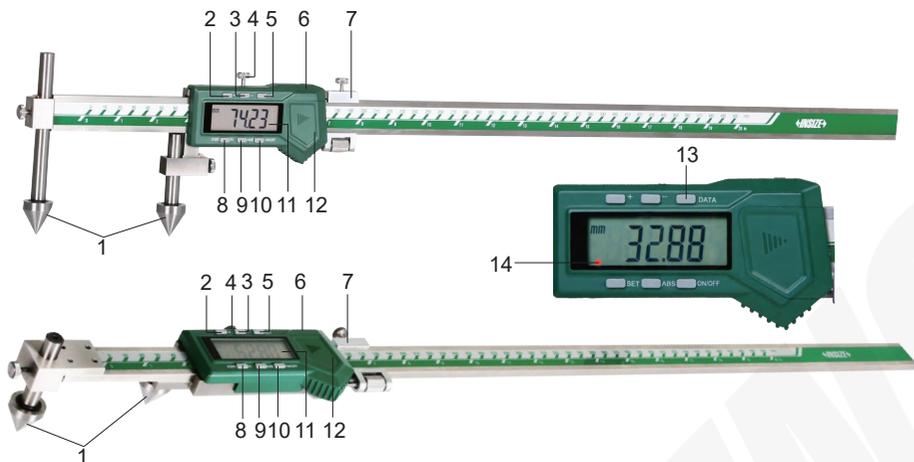


OPERATION INSTRUCTION

Digital Offset Centerline Calipers

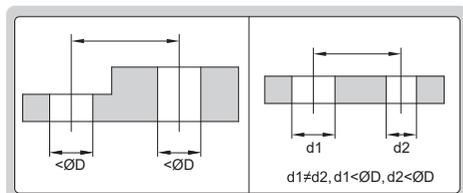
Attention: This caliper is not waterproof. If there is coolant liquid on the sticker, the reading may be incorrect. Please clean the sticker with dry cloths. If the problem is not solved, please use WD40 to clean the sticker.

Resolution: 0.01mm/0.0005"



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|------------------|--------------------------|--|
| 1-Measuring jaws | 6-Data output | 11-LCD display |
| 2-'+' button | 7-Fine adjustment device | 12-Battery cover |
| 3-'-' button | 8-'in/mm' button | 13-'DATA' button (only for built-in wireless code) |
| 4-Locking screw | 9-'ABS' button | 14-Data transmission signal light (only for built-in wireless code) |
| 5-'SET' button | 10-'OFF/ON' button | |

1. The product is used to measure hole center distance in the same or offset planes.



2. Install battery:

Remove the battery cover(Fig.1) , put CR2032 battery into battery house, the positive side of battery (+) should face out, close the battery cover.



Fig.1

3. Buttons:

mm/in---short press(<2 sec.): for inch and mm conversion
 ABS---for absolute and relative measuring mode conversion. The normal mode is absolute measuring mode. Short press the button to enter relative measuring mode at any point (this point is called "relative zero point"), "INC" appears and the reading is zero. In this mode, the reading is the distance to the "relative zero point". Press the button again to return back to absolute measuring mode.

ON/OFF---short press: to turn on/off
 "+", "-", "SET"---set initial reading(default initial reading is zero). Long press(>2 sec.)
 "SET" button and "SET" blinks, Long press "+" or "-" button to increase or decrease the reading, short press "SET" button to finish setting,
 "SET" disappears. During absolute measurement, press "SET" button to get the preset value.
 DATA---short press: for trigger data collection, and send one data each time
 ---long press(>5 sec.): for inch and mm conversion
 'Data transmission signal light'---for each successful data transmission, the green light flashes once. And for each unsuccessful data transmission, the red light flashes once.

4. Measurement:

---Before use, clean the measuring jaws and the surface of the workpiece to be measured with a clean soft cloth. Set the initial value according to the marked value on the caliper head, then fully close the measuring jaws and briefly press "SET" to display the initial value.

---Put the caliper measuring jaws into the measured workpiece so that the two measuring jaws are full contact with the measured workpiece and reading.

Attention: When setting the initial value, the two measuring jaws must be adjusted to align.

5. To get accurate measurement, it is necessary to control the force. During measurement, please always apply constant and proper force on the caliper.
6. Automatic power off in about five minutes. Press 'OFF/ON' button or move the digital unit to turn on display.
7. Optional accessory: data output cable and wireless transmitter.
8. One battery can last for one year use(the battery life of the built-in wireless is about 3-5 months, the battery life is different due to the frequency of data collection). When the battery is running out, display will become weak, abnormal reading or other phenomena will appear when moving the digital unit, please replace battery. If caliper is not be used for more than 3 months, please remove the battery. Otherwise, liquid may leak from the battery and damage the caliper.
9. If digits do not change when buttons are pressed, take out battery and put it back after 1 minute.
10. Working temperature is 0~40°C/32~104°F, relative humidity should not exceed 80%.