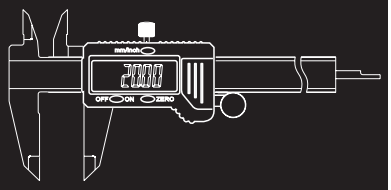
SENATOR® QUALITY TOOLING

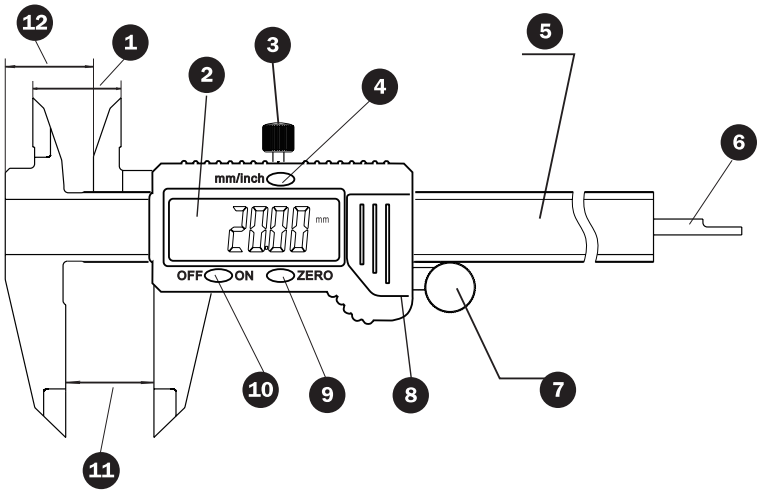
150mm/6″ SEN-331-1212K
200mm/8″ SEN-331-1216K
300mm/12″ SEN-331-1220K

DIGITAL CALIPERS



IDENTIFICATION

1. Internal measuring jaws
2. LCD Display
3. Locking screw
4. METRIC/INCH change button
5. Scales
6. Depth measuring blade
7. Thumb wheel
8. Battery cover
9. Zero setting
10. ON/OFF change button
11. External measuring jaws
12. Step-measuring faces



TAKING MEASUREMENTS

External Dimensions

Put the workpiece as close to the reference surface as possible, and have the measuring faces firmly in contact with the workpiece without excessive force.



Depth Measurement

For depth measurement, set the depth bar perpendicular to the measured surfaces.



Internal Dimensions

For inside measurement, put the inside jaws as deep as Possible and have the measuring faces firmly in contact with the workpiece without excessive force.



Step Measurement

For step measurement, have the step-measuring-faces firmly in contact with the workpiece.



SENATOR® QUALITY TOOLING

DIGITAL CALIPERS

Specifications

Resolution	**0.01mm/0.0005”**
Accuracy	**±0.03mm/±0.0015”**
Repeatability	**±0.01mm/0.0005”**
Power Supply	**1.5V**
Operating Temperature	**0˚to 40˚**
Storage Temperature	**-10˚c to +60˚**
Influence of humidity	**≤80%**

Operation

1. Preparations

(1.) Clean the surface of the protective sticker (please refer to the above - mentioned instructions) and all the measuring faces.

(2.) Loosen the locking screw and move the display and slider assmbly to check whether the LCD and all the buttons work properly.

2. Measurement

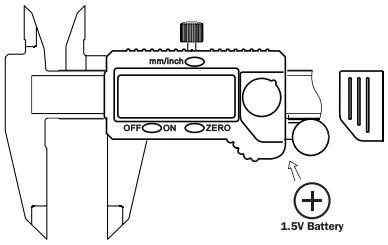
(1.) Press On/Off button to switch on the power.

(2.) Press mm/In button to select a desired unit system.

(3.) Move the slider to make two outside measuring faces touch gently, then press the Zero button to set zero and you can start measuring

Fitting/Replacing Battery

1. Using a small screwdriver lever the battery compartment no.8 open. Insert the battery with the “+” Side facing towards you, then replace the compartment. Inserting the battery upside down may Result in calliper failure.
2. If the display on the digital caliper dose not show “0.00” after the battery change, remove battery, wipe with a dry cloth and insert again.
3. Your Senator caliper is supplied with one 1.5V silver oxide button cell battery.



Maintenance

1. When using the caliper for the first time after purchase, wipe away the rust-preventive oil with a soft cloth.
2. Install the supplied battery.
3. Before measuring, wipe the sliding surfaces and measuring faces to remove dust and dirt.
4. Close the jaws, if the caliper is not already reading “0.00mm” press the “Zero” button once.
5. Please note that the caliper must be switched off after use and should be kept in its original box.

Always dispose of unwanted tools, accessories and packaging materials in an environmentally friendly manner. For EU and EEA countries only.

In observance of European Directive on Waste Electrical and Electronic Equipment (WEEE) and its implementation in accordance with national law, electrical goods that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

Do not dispose of electrical goods with domestic waste materials as inappropriate disposal may cause potential hazards to the environment and human health.

For further information, please contact your local authority or the retailer from whom you purchased the product.

This product does not contain any restricted substances in concentrations and applications which are banned by the European RoHS Directive.

Quality Guarantee & Warranty

SENATOR Tools carry a one year manufacturers warranty.
SENATOR Tools are designed & manufactured yo the highest standards & Specifications.
Assuring the quality & performance required by all sectors of the industry.

SENATOR tools are fully guaranteed against faulty workmanship.
Should they be found to be defective, they will either be repaired or replaced free of charge
(fair wear & tear and/or misuse excepted).

Please retain supplier invoice as proof of purchase.

We herby certify that **SENATOR** Digital calipers
Models SEN-331-1212K, SEN-331-1216K & SEN-331-1220K
EMC Electromagnetic Compatibility Directive 2014/30/EU
Standards Applied: EN 61326-1:2013 & EN 61326-2-2:2013
RoHS Restriction of Hazardous Substances Directive 2011/65/EU

Signed:
Date: 21st January 2021
Name: Toni Johnson
Position: Compliance Director

CE UK CA