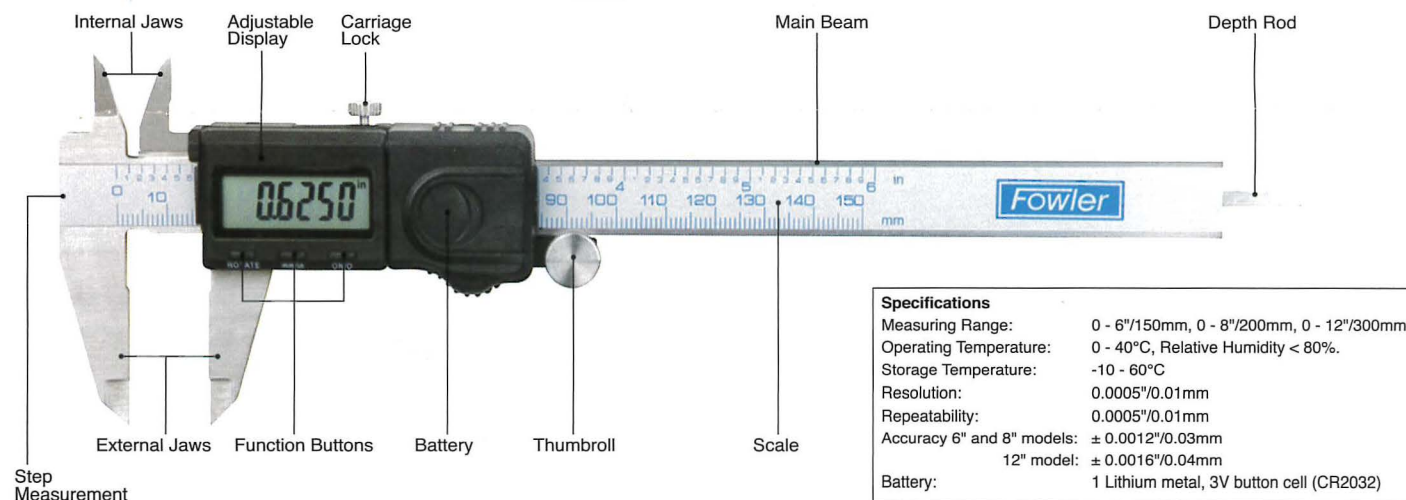


Thank you for purchasing the Fowler Flip Plus Electronic Caliper.

Before using this tool for the first time, clean the measuring surfaces of the ID and OD jaws as well as the main beam to ensure all packing protectant is removed. Always make sure all measuring surfaces are clean before measuring. Prevent any fluids from entering the electronic housing and never apply voltage to the instrument, such as with an electronic engraving device. Be sure the carriage lock screw is loosened before traversing the measuring carriage to prevent any damage to the main beam. Avoid allowing debris from entering the electronic housing.

Fowler® FLIP PLUS® Electronic Caliper



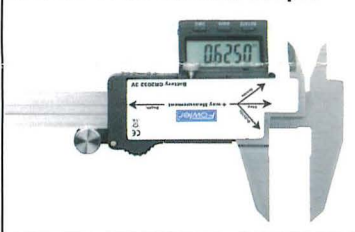
Normal Use



Adjustable Flip-Up Display



Use as a Left-Handed Caliper



Function Buttons

ON/O: Turns the display on and off when held down for 3 or more seconds, and allows the setting of the ZERO reference datum anywhere within the tool's range.

MM/IN: Switches measuring mode between METRIC and INCH at any time.

ROTATE: Inverts the digits on the digital display 180° for various viewing positions

Operation

Once all surfaces are clean, move the measuring carriage to bring the two measuring faces together and gently make contact. Use of the thumbroll will help ensure repeatable, accurate measurements. This should be performed more than once to ensure the reference point is correct and gaging pressure is consistent. Reference "0" should also be checked occasionally when measuring to ensure the datum has been maintained. Once the OD jaws are in contact with each other use ON/O to set a "0" datum. If you require setting on a reference standard, such as a gage block or a master part for comparison measuring, you may use the ON/O function to set "0" on your reference standard. Once "0" has been established you are now prepared to measure. Open the jaws to allow the object to be measured to fit in between them, then gently make contact in the same manner as setting the "0". Your measured value will be shown on the display. Internal, depth and step measurements may also be taken now for each feature uses the same "0" datum.

Rotating the display

If measuring in restricted or awkward locations the display housing may be positioned to several notched locations for easier viewing. Simply lift near the function buttons at the bottom of the housing to release the display from its original position. This is also extremely convenient for true left handed operations. Flip the display 180°, turn the caliper around and press the ROTATE button. The display will flip 180° and be converted into a left handed caliper. To return the display to its original position press ROTATE once more.

Maintenance

Your caliper requires little or no maintenance. For the best accuracy and smoothest function, always keep the tool clean. Never oil the surface of the scale. Only the smallest amount of highly refined oil on a soft cloth should be used to clean the main beam and jaws. Heavier oil will attract debris which could work its way into the electronic housing and cause electronic and/or mechanical failure. Isopropyl alcohol may also be used to clean the entire surface of the caliper. Periodically check all measuring surfaces for deformations or burrs. These can seriously influence accurate measurements. A flashing display is an indication of low battery power. Replace the battery with a fresh one.