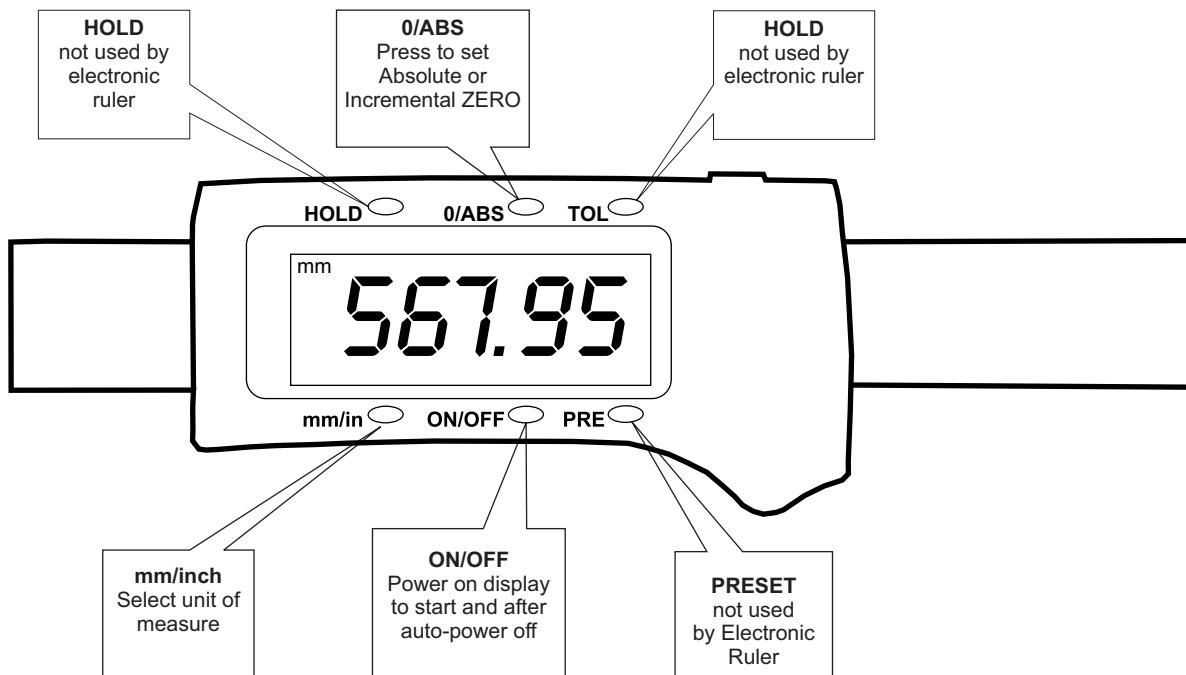


Precision Digital Electronic Ruler Display Functions

Your Beta Precision Digital Electronic Ruler will allow you to make highly accurate, non-contact measurements on many types of samples. **Films, plates, prints, electronic circuit boards**, and more can be easily measured without risk of damage to delicate samples. After mounting the microscope to the plexiglass plate follow the procedure outlined below to set up the electronic display.



- Set the beam of the Beta Precision Electronic Ruler precisely parallel to the line or object being measured. Check that both ends of the object are at the same vertical position in the microscope eyepiece.
- Press the ON/OFF button and then the **mm/inch** button to select the proper unit of measure.
- Rotate the entire microscope body to align the crosshair to the 12, 3, 6, and 9 o'clock position. Rotate the black eyepiece focus ring to bring the scale into sharp focus.
- Bring the object into sharp focus by turning the large knurled ring on the body of the microscope. Align the microscope crosshair to the start position and press the **0/ABS** button until 0.00 appears in the display.
- Move the microscope and slide assembly to the end of the object. Remove your hand from the from the slide and check the focus. Carefully adjust the microscope focus if needed.
- Use the fine motion thumb roller to position the crosshair precisely over the end of the object.
- Read out the total length of the object on the display. The **mm/inch** button may be pressed to change the unit of measure.
- After all measurements are complete press the **ON/OFF** button to power down the display.