

Digitronic Indicator 410 Series

Please carefully review these instructions to ensure proper and accurate use of your new Digitronic Indicator.

Features

1. ZERO/ON
2. Tolerance indication
3. ABS / Preset function
4. Min, Max, TIR function
5. Direct mm-in conversion
6. Digital bar graph display
7. Battery cover

Operation

ZERO/ON: To turn the indicator on press the ZERO/ON button momentarily. Holding the button for longer than 2 seconds will turn the indicator off. The zero function may be used whether in the comparative or absolute mode. A quick press of less than 2 seconds will set the digits of the display to 0. If the indicator is not used for approximately 10 minutes, it will turn off automatically.

UNIT: A quick press of this button will change the indication of the display to either mm or inch.

ABS: A quick press of this button will toggle between absolute and comparative modes; In comparative mode, ZERO may be set anywhere within the travel of the spindle.

In ABS mode, a long press of more than 2 seconds will start the PRESET function and this will be indicated by the word SET appearing in the display. Release the button. To preset the display, hold the ABS button for another 2 seconds. SET will flash twice and then the first digit in the display will begin to flash. Quick presses of the ABS button will increment the digit as it flashes. To move to the next digit, hold the ABS button until the desired position in the display is reached. When the correct preset is achieved, hold ABS until SET begins to flash and then release. Press ABS quickly once more and the preset is then stored. If at any time during the preset function ZERO is pressed, the SET function will terminate and must be restarted. The ABS preset will be retained even after the indicator has been switched off. In the ABS mode, any time the ZERO/ON button is pressed, the preset number will appear.

RAN: A quick press of this button will switch between MAX, MIN and MIN/MAX (TIR). While in the MAX mode (>|) the highest reading will be held. While in the MIN mode (|<) the lowest reading will be held. While in MIN/MAX mode (>||<) the difference between minimum and maximum will be displayed. Pressing ZERO at any time during one of these modes resets the function.

TOL: A quick press of this button will toggle the measuring direction from positive to negative. To start the TOL mode, hold in the button for more than 2 seconds. (>|) and SET will appear in the display. Holding the button longer will enter into the PRESET function so the upper tolerance may be entered. The actual target reading must be entered, not the allowed tolerance. This can be preset using the TOL button, exactly as in the ABS mode. Once the upper reading has been entered, hold in TOL until SET begins to flash and release the button. One short press will show (|<) and SET in the display. Now the lower reading may be entered in the same manner as the upper reading. Once this has been done, hold in TOL until SET begins to flash again and release. A quick press of the TOL button will begin the TOLERANCE mode. While the reading of the indicator is between the set tolerance readings the display will show OK. If the reading exceeds either tolerance reading, (|<) or (>|) will appear. To exit this mode, press either TOL or ZERO. NOTE: The indicator must be zeroed at the reference location before the TOL mode begins.



Maintenance

- Avoid contact with liquids and excess humidity
- If the instrument requires cleaning, only use isopropyl Alcohol and a soft cloth
- Do not electro-etch this product

Specifications

Measuring range:	0-12.7mm/0.5"
Resolution:	0.001mm/0.00005"
Accuracy:	0.008mm/0.0003"
Battery:	3V, type CR2032 lithium