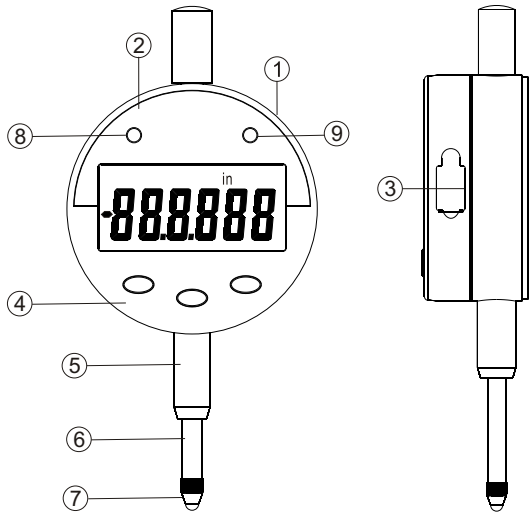# Operating Instructions and Parts Manual

Please read through this owners manual carefully before using your new tool.

Electronic Indicator

1.Battery Cover
2.Display
3.SPC out put
4.Function Button
5.Shaft Bush
6.Measuring Shaft
7.Measuring Head
8.Absolute/Incremental readings
9.Tolerance indicators

Battery Replacement

Pull out the battery cover and battery,remove the old battery,place the new battery with the positive pole"+"facing the battery cover and insert the battery cover with the battery positive pole"+"facing upwards.

Cleaning

Cleaning the indicator with a soft cloth.
Do Not use any type of solvent.
Do not immerse the indicator in liquid.
RESET: In order to RESET the instrument, remove the battery,wait 30 seconds,replace the battery and turn the instrument on.

Functions

ON/OFF:Press<on/off>function bu-tton to power on.Press button an ad-ditional time to power off
ZERO:Press<zero>function button at any position to set zero
mm/inch:Press<mm/inch>function button to change measuring standard
between metric and English.
RS 232 dada Output:By connection Cable(not included).
Abs/inc:Press ABS/INC(8) to toggle between Absolute and Incremental reading.ZERO may be set at any location in either mode.
Tolerance: Tolerance indicators may be activated by pressing TOL(9)one time. " ▲ " will appear in the display.Displace the spindle so the maximum allowed reading is displayed and press TOL once more " ▼ " will appear in the display.Displace the spindle so the minimum allowed reading is displayed and press TOL once more.
 "OK" will be shown in the display while the readings are between the two allowed readings.Once either of these settings has been exceeded, "OK" will flash indicating an out of tolerance measurement.To exit TOL mode depress ZERO.To reset tolerances,press TOL(9)and input the maximum and minimum readings.

Troubleshooting Chart

Symptom

* Digits do not change or count correctly
*No Display

Corrective Action

*Remove the battery for 30 seconds then reinstall.
*Check battery contacts or replace battery

Precautions:Aithough a top quality product,certain precautions are required for any electronic instrument:

*Avoid exposure to all liquids and excessive humidity.
*Avoid exposure to electromagnetic fidlds.
*Do not expose the instrument to direct sunlight.
*Do not attempt to disassemble the indicator for extended periods or time.

Technical Data

Measuring Range:
      0-0.5"/12.7mm or 0-1"25.4mm
Resolution: 0.0005"/0.01mm
Accuracy: 0.001"0.02mm
Repeatability: 0.0005"/0.01mm
Measuring system: Capacitive
Display: LCD(11mm high)
Battery: 3V,type CR 2032 Lithium
Battery life: Approx.1 year
Operational Temperature Range:0℃ to+40℃
Maximum Relative Humidity: 80%