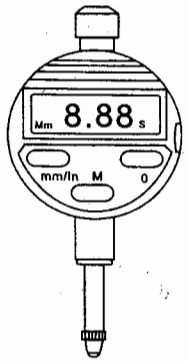
OPERATION INSTRUCTIONS FOR DIGIRAL INDICATOR

ISO 9001



TECHNICAL SPECIFICATIONS

Resolution: 0.0 lmm; 0.001 mm

Working Power: 1.5V button cell

Storage temperature: -10℃~+60℃

Working Humidity:≤80%

Hysteresis Error: ±0.02mm; ±0.006mm

MAIN FUNCTIONS

Zero-setting at any position in order to make differential measurement.

MM/IN system conversion at any position to meet different unit system (metric & inch).

With the serial data output port, the digital indicator can be connected with a computer or a printer through an adaptor to process data.

OPTIONAL FUNCTIONS:

Data holding.

Fast display.

Trace maximum value--only one maximum in a group measured data is displayed.

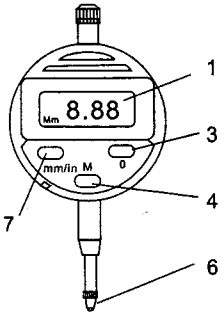
Trace minimum value--- only one minimum in a group measured data is displayed.

Automatically power on/off.

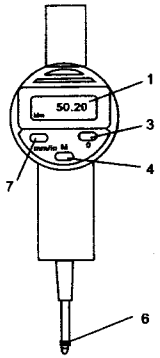
Digit setting---USL or LSL setting according to an user's needs.

SEVERAL COMMON NAMES,DIAGRAMMATIC SKETCHES OF STRUCTURE FOR DIGITAL INDICATOR

1. Common circular digital indicators (Range: 0-10,0-15,see picture 1)
2. Wide-range digital indicators (Range: 0-30,0-50,see picture 2)

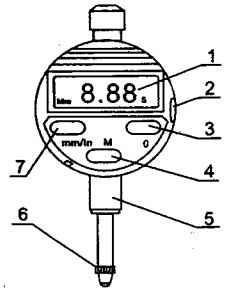


Picture 1

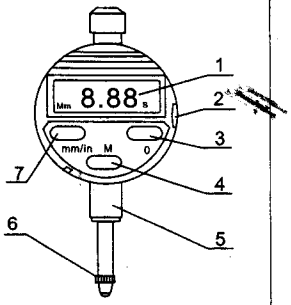


Picture 2

3. High-accuracy digital indicator (Range: 0-12,0-15,see picture 3)
4. Circular digital micron indicator (Range: 0-15,see picture 4)

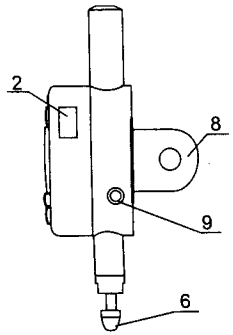


Picture 3

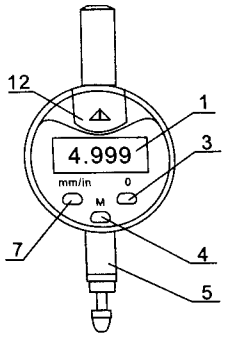


Picture 4

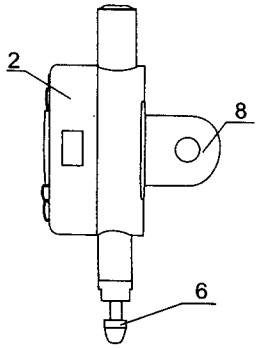
5. Mini-circular digital micron indicator with spindle raising wire (Range: 0-5,see picture 5)



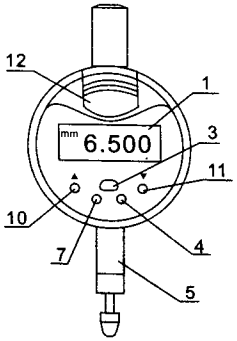
Picture 5



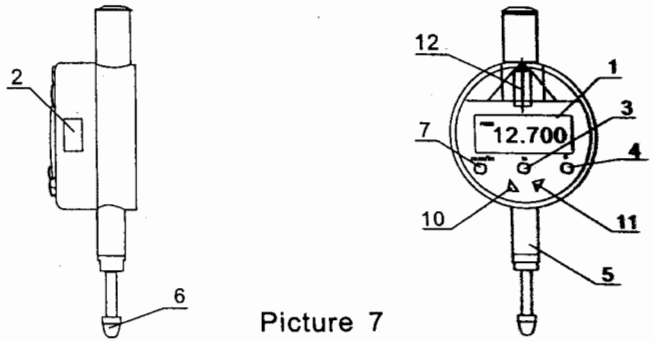
6. Mini- circular digital micron indicator with digit-setting function. (Range: 0-5,see picture 6)



Picture 6



7. Circular digital micron indicator with digit-setting function. **(Range: 0-15,see picture 7)**



Picture 7

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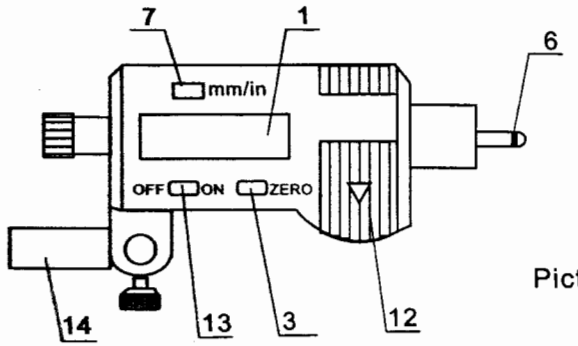
8. Rectangular digital indicators (Range: 0-10,0-20,0-30,see picture 8)



Picture 8

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1. LCD display 2. Data output port 3.Zero setting button 4.Function button
5. Lower sleeve 6.Measuring head 7.mm/in conversion button 8.Back plug
9.Raising wire interface 10.USL button 11. LSL button 12.Battery cover
13.On/Off button 14.Supporting spindle

OPERATING INSTRUCTIONS FOR SEVERAL BUTTONS

1. Switch On/Off by pressing On/Off button (or pressing "mm/in" to switch on if "on/off" button is not available).
2. Press In/Mm to interchange systems.

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3. Special function button "F"

.....Press "M";"H" will be displayed. Data-holding is ready. Press "M" again, "H" will disappear. It then turns to normal display.

Fast tracing..... Press "M","F" will be displayed. Press "o"and fast tracing is ready. Press "M", "F" will disappear. Then it turns to normal display.

Tracing maximum value.....Press "M" twice, "H" and "MAX" will be displayed. Then press "O", "F MAX" is displayed, namely tracing maximum value. Press "M" again,"F MAX" disappear. Then normal display is ready.

Tracing minimum value....Press "M" for three times and "O" for one time."F MIN"is displayed, namely, tracing minimum value. Press "M" again, "F MAX" disappear. Normal display is ready.

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4. The digital indicator is equipped with data output port.It can be connected with a computer via a special converter.
   The type for a converter: CG-232-II. It's equipped with a floppy disk and communication programme which is connected with a computer.
5. The measured value of high-accuracy digital indicator..... The final digit displayed in small size is for reference when taking the reading. The metric measured value will be retained over radix point at the second place after rounding off.
6. Press"▲"to increase measured value, press"▼"to decrease measured value.

BATTERY REPLACEMENT

A new battery should be replaced if digits keep flashing, which show the voltage is very low. If the battery bought from a market doesn't work satisfactorily (the power may wear down because of the long-term storage or the battery's automatic discharge etc.), pls don't hesitate to contact the supplier.

POINTS FOR ATTENTION:

1. The moving speed of a measuring spindle of a digital indicator should not be bigger than 0.6m/s. Thus, the displayed value might lose its accuracy.
2. The digital indicator must be kept clean. Water and other liquids must be prevented from entering it or its electronic parts will be damaged.

3. Never clean a digital indicator with organic solvent like acetone but with alcohol containing no water.
4. Don't remove the output interface cover when data output port is not in use. Never touch data output with any metal parts for fear of damaging its electronic circuit.
5. No voltage should be applied on any part of the digital indicator and never carve on it with an electric pen for fear that its electronic elements should be damaged,
6. Take out the battery if the digital indicator is not in use for a long time.

BRIEF INSTRUCTION ON MAINTENANCE:

Toubles	Possible causes	Solutions
Flashing digits	Low voltage	Replacet the battery
No display	1. Low voltage 2. Poor contact	1. Replace the battery 2. Adjust and clean the battery sest
Fixed digits	Accidental trouble in circuit	Take out the battery and put it back after one minute.