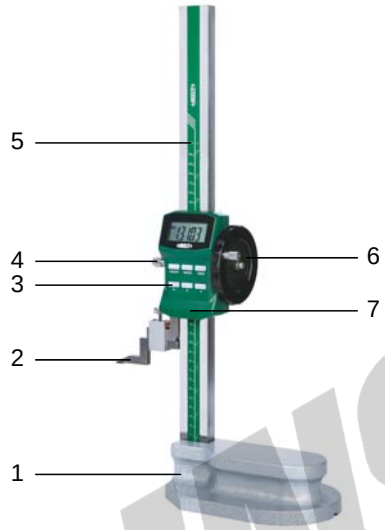
OPERATION INSTRUCTION

Digital Height Gage With Driving Wheel Series 1156

Caution: Prevent liquid from getting into height gage to damage electronics.

Measuring range: 0-300mm/0-12" (1156-300)
0-600mm/0-24" (1156-600)
Resolution: 0.01mm/0.0005"
Battery: CR2032

1. Base
2. Measuring tip
3. Button
4. Locking screw
5. Beam
6. Driving wheel
7. Battery cover



1. Put CR2032 battery into the gage, the positive side should face out. (fig.1)

2. Clean the bottom of base and the measuring tip, put the height gage on an inspection plate. Install the measuring tip.

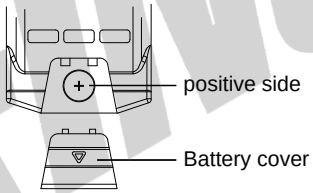


fig.1

3. Buttons:
ON/OFF --- turn on/off
"mm/in" --- mm and inch conversion
"H" --- keep the reading
"P+", "P-", "ZERO"--- Long press(>2 sec.) "ZERO" button and "SET" blinks, press "P+" or "P-" button to increase or decrease the reading, short press "ZERO" button to finish setting. Short press "ZERO" button to set zero

4. Height gage should be checked regularly to make sure that the initial reading is properly set. Gently move the unit until the measuring tip is close to the inspection surface, apply slight force on the driving wheel to let the measuring tip contact the surface. Press "ZERO" to set. Lift the measuring tip and let it touch the surface again to check if the reading is the preset value.

5. Use the same force to let the measuring tip contact the workpiece during measurement. The measuring tip is made of carbide, which can be used as scriber.

6. Replace the measuring tip with clamp for dial indicator to hold the dial indicator. To make sure the accuracy, dial test indicator should be held as following rules.
--- The distance L between contact point and base should be within 100mm(fig.2).
--- Please install dial test indicator correctly as fig.3.

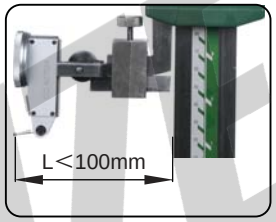


fig.2

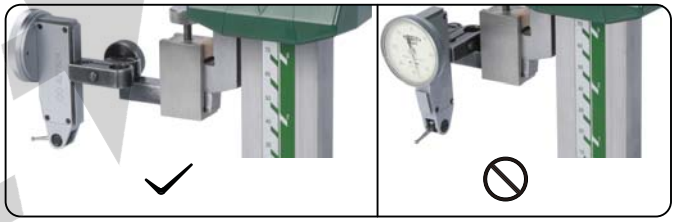


fig.3

7. Optional SPC cable data output cable(series 7302, 7305-SPC2, 7306-20).

8. One battery can last for one year use. If product is not be used for more than 3 months, please remove the battery. Otherwise, liquid may leak from the battery and damage the caliper.

9. Working temperature is 0-40°C/32-104°F, relative humidity should not exceed 80%.

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