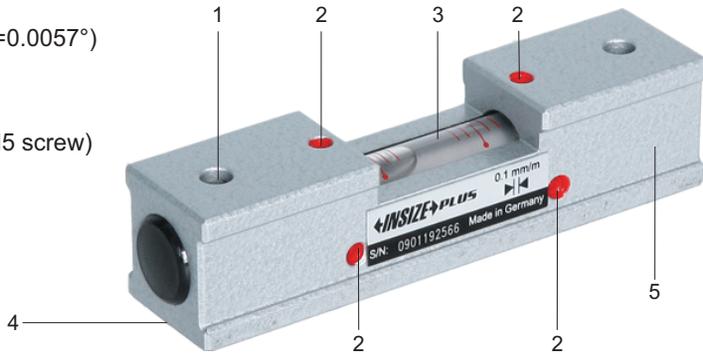


Mini Level

No need to set zero before use
Please don't adjust the screw to prevent the damage of vial

Sensitivity: 0.1mm/m(=0.0057°)

- 1-Mounting hole(for M5 screw)
- 2-Screw
- 3-Level bubble
- 4-Working face
- 5-Main part



1. Before measurement, clean the working surface of the mini level and workpiece with soft cloth, avoid the particle and debris to cause the measuring error. Keep mini level in constant temperature for a period of time, so as to get accurate result. If the temperature is changed, mini level is used after mini level and workpiece are in constant temperature for more than half an hour.

2. Put mini level on the surface of the workpiece, get the reading from level bubble. For example: the reading is +1 grid which means the right higher than the other, inclination: 0.1mm/m, angle of inclination: 0.0057°

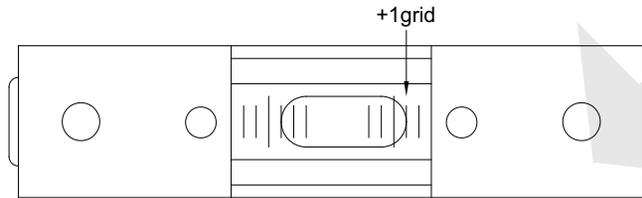


Fig.1

3. In order to get accurate reading, rotate 180° in measurement: the left scale is negative (Fig.2). Not until the bubble is steady(about 40s), do get the reading A(Fig.3). Turn block level 180° and put it at the same position, get the reading B(Fig.4). The result is (A+B)/2. As the example: A=+1 grid, B=0 grid, (A+B)/2=+1/2 grid.

Notice: During reading, the sight is perpendicular to the level bubble to avoid parallax reading.

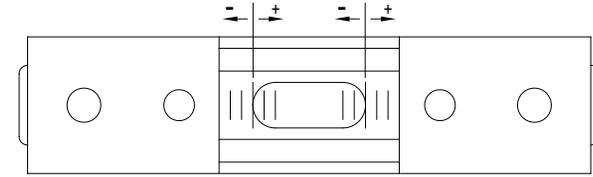


Fig.2

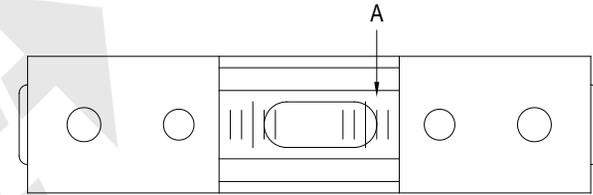


Fig.3

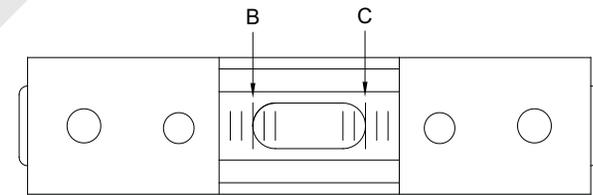


Fig.4 (Turn 180°)

4. Keep away from heat during measurement, liquid can be affected by the change of temperature. So, keep the mini level from the heat of hand, the sunshine and other environment.
5. Light up and down block level gently, please don't be shocked. The mental face should be oiled(vaseline) to prevent rust after use.
6. There are two mounting holes. Put M5 screws through mounting holes to fix the mini level on the equipment for long-time use.
7. Mini level's storage temperature: -40°C to +70°C.

Appended: Zero deviation(A-C, Fig. 3 and Fig. 4) is more than 1 grid after block level is hit or suffered other external forced, please return product to company.