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**ISE-L051  
ELECTRONIC LEVEL  
OPERATION MANUAL**

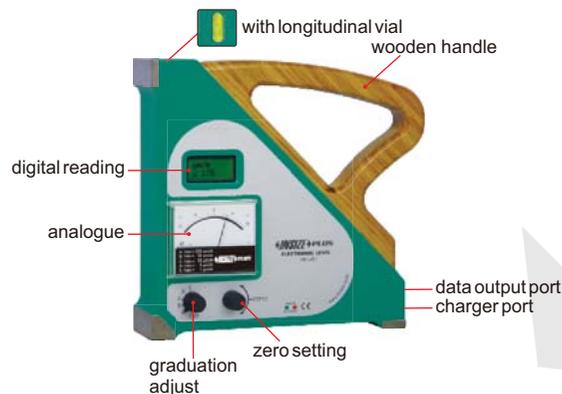


### Attention

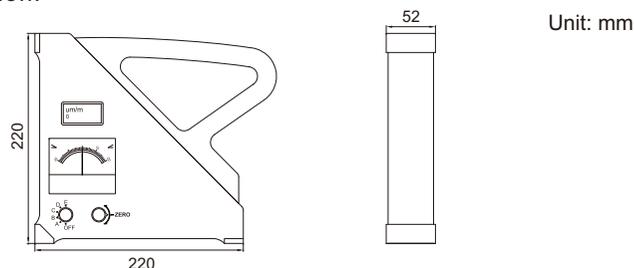
- ◆ Before measuring, clean thoroughly the surface to be checked and the base of the level with specific detergents. Never use wax, grease or water-based detergents for cleaning granite.
- ◆ Never use the instrument close to magnetic fields, as the measurements could be altered.
- ◆ The surface plate to be checked should be leveled as closely as possible to avoid inaccuracies of the readings due to compound errors.
- ◆ Before starting the measurement, check the battery charge, just checking that the display does not show 'Low Bat'.
- ◆ Check the instrument periodically, to verify its calibration and performance. A periodical check of the instrument can ensure better performance and lower maintenance costs over time.

### Introduction

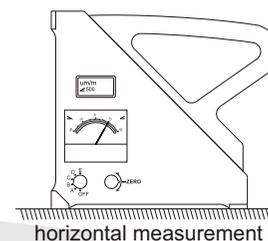
#### 1 Structure:



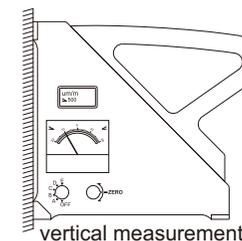
#### 2 Dimension:



#### 3 Measuring mode:



horizontal measurement



vertical measurement

### Graduation selection

The instrument allows you to work with five different measure scales, as follows:

- A: 250µm/m(0.014°), range: 5000µm/m;
- B: 50µm/m(10"), range: 1000µm/m;
- C: 10µm/m(2"), range: 200µm/m;
- D: 5µm/m(1"), range: 100µm/m;
- E: 1µm/m(0.2"), range: 20µm/m;

### Zero setting

**Note: the level should be put on the surface and keep in same environment at least 1 hours.**

- 1 Switch the level on and select the lower scale (A). Then with the potentiometer on the right, look for the zero (the value is shown on the digital display also). Then verify the zero on the higher scale (E).
- 2 Turn the level of 180°, read the value on the display and adjust the potentiometer until when you reach the half of the read value. (Example: if you read 26 µm in the position a, adjust the potentiometer to 13 µm on position b).
- 3 Repeat the same steps (1+2) by turning the level of 90° to position c and d as shown hereunder. The instrument is now ready for use.

