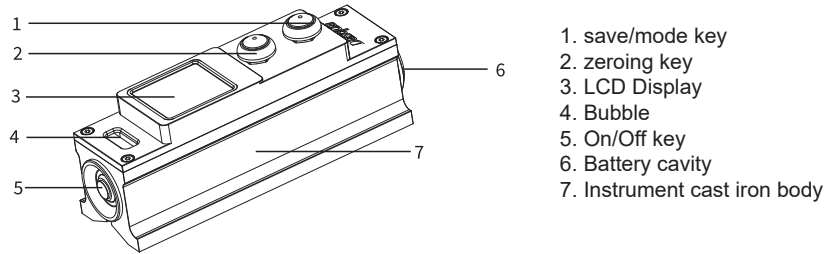


For your safety, please read this manual book before using. Thanks for choosing Dasqua !

### STRUCTURE



### KEY FUNCTION DESCRIPTION

1. On/Off key: short press to turn on the instrument, then press to turn off the instrument
2. Zeroing: follow the instructions of zeroing to operate this key
3. Save/Mode key: long press this key to convert relative and absolute measurements Short press this key to save the measurement data on the screen of the instrument.

### PARAMETER

Parameter name	Minimum value	Typical value	Maximum value	Unit	Remarks
Measuring Axis		Uni			
Measuring range		50		mm/m	
Accuracy		0.02		mm/m	≤10mm, Accuracy: 0.01
Reading stabilization time		5	10	S	
Calibration conditions		20±2°C			
Working Temperature		15°C-25°C			
Storage temperature		-10°C~40°C			

### BASIC OPERATION METHODS

Precautions before using the level meter

- 1, the level meter should ensure that the power is sufficient before the first use, otherwise, you need to unlock the battery end cap, charge the battery, the charging seat positive and negative do not install the reverse.
- 2 Keep the working environment clean and vibration-free, and keep the ambient temperature at 20 degrees Celsius, plus or minus two degrees per hour.

3. Please remove the rustproof paper on the working surface of the level meter thoroughly and clean the measured plane.
4. Place the level meter in the working environment for more than one hour (shut down), power on and power off for 30 minutes.
5. When operating the level meter, please wear fine yarn gloves, so as to avoid direct human contact with the level meter. This can not only avoid the direct contact of human body with the level meter, but also avoid the local temperature fluctuation caused by heat conduction, which will affect the reliability of the measurement results, and also avoid the contact of human body's sweat with metal parts and corrosion of the working surface.

### MEASUREMENT STEPS

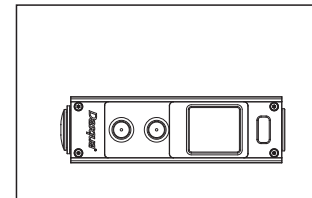
Check the zero position after the instrument is turned on, if the instrument is not in zero position, please make absolute or relative zero correction as needed. It is strongly recommended to check the zero position every time the instrument is turned on.

#### 1. Absolute Zero Correction

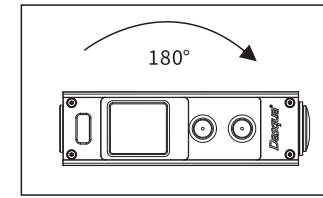
Place the instrument on a stable and nearly horizontal platform, press the "Zero" key briefly after the reading is stable, the calibration page appears in the screen status area, wait until the time reaches 0, rotate the instrument by 180 degrees, place it on the same position, wait for the reading to be stable, and then press the "Zero" key. Then press "Zero" key, the screen calibration time automatically jumps to 0, calibration is complete Note: This calibration step can be executed at any time during the measurement process.

#### 2. Zero Inspection

After power on, put the instrument on a stable and nearly horizontal platform, write down the screen reading d1 after the reading is stabilized; rotate the instrument by 180° and place it on the same position, and write down the screen reading d2 after the reading is stabilized, if the values of d1 and d2 are the same and the sign is reversed, then the zero position of the instrument is accurate, otherwise, please perform the absolute zero calibration.



Record the value d1



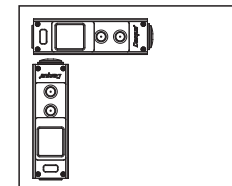
Record the value d2 rotate the instrument by 180°

#### 3. Relative zero setting

After power on the plane as a reference, long press the "Save / Mode" key after the reading is stabilized, the screen displays the word "Relative Measurement". That is, this plane as the measurement reference surface, complete the relative zero correction, the measurement data in this mode are in this position for the "zero position".

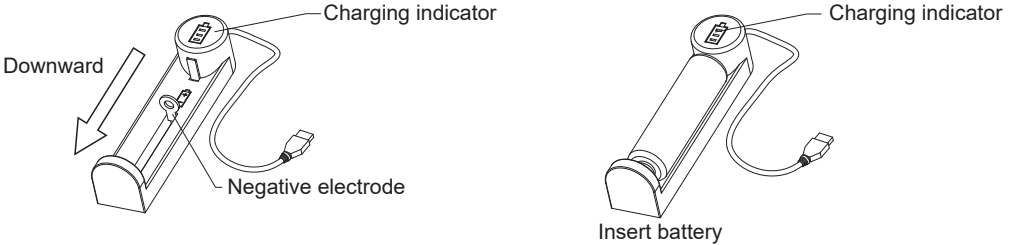
#### 4. Horizontal adjustment of working surface

Place the instrument on the measured workpiece and adjust the workpiece until the instrument reads 0 in both directions in the figure, then the working surface has been adjusted to the horizontal position.



## CHARGING INSTRUCTION

After connecting the battery compartment to the USB charging cable, move the negative electrode down through the charging compartment slots and insert the battery; the negative electrode will spring back to clamp the battery, and the charging indicator will turn red to start charging. The charging indicator will turn red and charging will begin. When charging is complete, the light turns green.



## MAINTENANCE AND CARE OF THE LEVEL METER

1. Please use the level meter according to the methods specified in this manual, and non-professionals please do not disassemble the machine.
2. Electronic level meter is a precision instrument, need to be held lightly, and pay attention to the work surface of the rust and corrosion protection, do not bump the work surface, so as not to affect the measurement accuracy.
3. After the level meter is used, the working surface should be protected by applying antirust oil.
4. the V-groove of the working surface of the level meter is not used as the measuring working surface.
5. please do not overcharge, charging is completed should be unplugged charger, at the same time to avoid overdischarge, overdischarge of the battery may directly lead to battery damage as far as possible to do with the use of charging. When the instrument is not used for a long time, please remove the battery before storage, and choose a cool and dry environment to store the instrument.