

Instruction Manual

ORION® Electronic Clinometer EASYLEVEL

1. Technical Data:

Measuring range 4 x 90°

Resolution 0,1°

Error limit +/- 0,2°

Dimensions: L x B x H = 151 x 35,5 x 60 mm

CR 2032 Lithium battery

AUTO/OFF after appr. 10 minutes (measuring values will be kept)

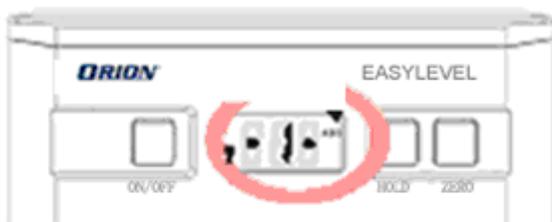
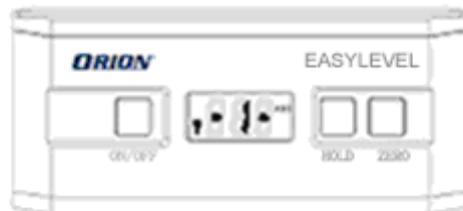
Digits will jump into correct position for reading, when measuring over head

Prismatic surfaces with 2 integrated magnetic points on the below surface

2. Preparation for ready to work resp. Calibration of EASYLEVEL:

Before the very first use please insert the attached battery. Remove the battery cover on the rear side. The +pol must face out. Move the battery between both springs, then it will snap in, after this assemble the battery cover.

- (1) Put EASYLEVEL at a flat surface.
Press ON/OFF. Display does show - 1 - ABS.



- (2) Press ZERO. Display does show - 1 – and it starts to flash.

(3) After 5 sec the display does show - 2 - ABS.



(4) Press ZERO again, then - 2 - starts to flash
After 5 sec on the display does show 00.0 ABS resp. the correct angle degree will be shown.

Now EASYLEVEL is ready for measuring.

3. Functions:

3.1 ON/OFF

Press shortly, then the display does switch off. Press again shortly, it will switch on the display and EASYLEVEL is ready for measuring immediately.

Attention: If you want to shut down EASYLEVEL fully, press this button appr. 5sec. In this case however you need to recalibrate it acc. to the points (1) to (4) after you will switch it on again.

3.2 HOLD

During measuring you can press HOLD, then „HOLD“ will start to flash in the display. After appr. 5sec the last measured value will be kept and displayed. As soon as you will repress HOLD this function will be cancelled and you can restart with next measuring.

3.3 ZERO

ABS-Modus

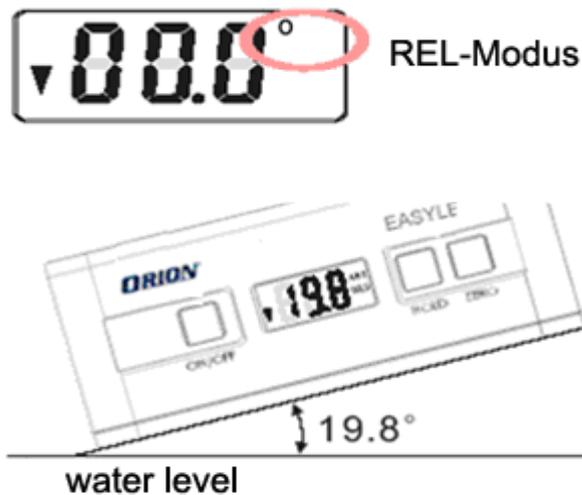


As soon as you will press ZERO, the measuring mode will change from ABS to REL. Wenn repressing this button again, it will return back again to ABS.

ABS Measuring Mode (display does show ABS):

Put EASYLEVEL on the workpiece which you want to measure. The exactly result

will be displayed in angle degree, based on the water level.



REL Measuring Mode (display does only show ° after the digits)

Any desired angle degree you can choose as „0“ with the REL measuring mode and then store. For example:

You want to measure a relative angle degree from a reference surface to the angle degree of 25°.

1. Put EASYLEVEL on a surface which does have an angle degree of 25° to the water level. This must be done during ABS measuring mode (“ABS” is shown on the display).
2. Press ZERO shortly and then EASYLEVEL will change to the REL measuring mode. After this put EASYLEVEL on the working piece to be measured (for example the angle degree is 60°. After this the relative angle degree of 35° will be shown on the display.

Brief on Maintenance:

Troubles	Possible Causes	Solutions
Flashing digits	Low voltage	Replace the battery
No Display	1. Low voltage 2. Poor contact	1. Replace the battery 2. Adjust and clean the battery housing
Fixed digits	Trouble in circuit	Remove the battery and put it back after one minute

Notice:

We reserve the right to modify or change the design of our products, especially because of improvements and further development.