Created by

LevelTech®
Industrial Flooring Equipment

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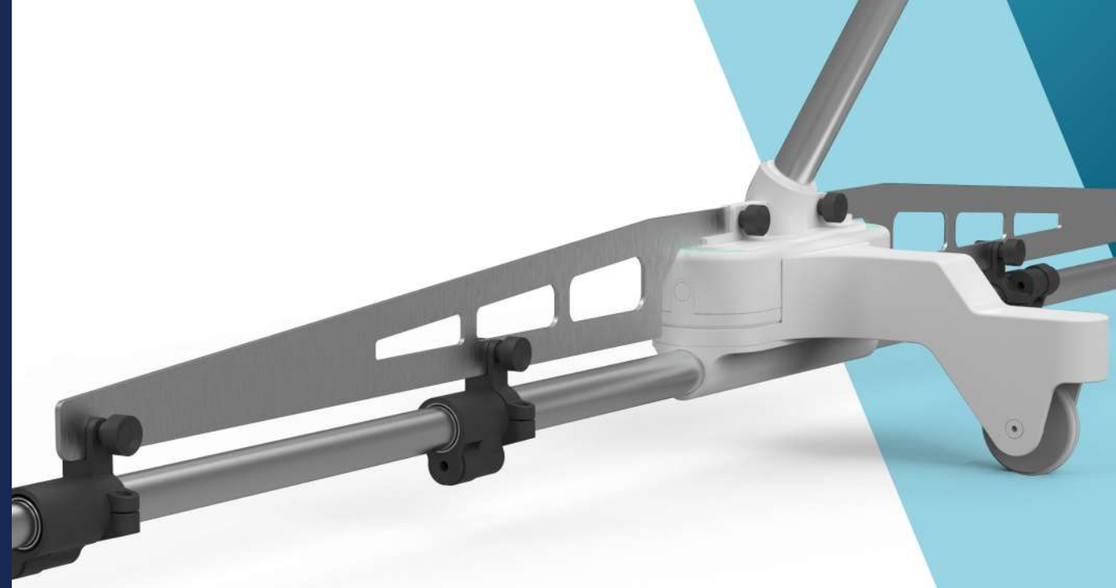
Industrial Flooring Equipment

LEVELTECH-T INSTRUCTIONS

V.24.01.1



INSTRUCTIONS FOR QUICK USE

CONTENTS

SYNC & LOGIN

We open the app and enter our username and password. You need internet to log in.

If we have logged in correctly we will see the name of the available devices (**fig.1**)

We click on it and click on connect. If the synchronization has been done successfully, blue lights will flash on the device and a success message will appear in the app (**fig.2**)

fig.1 fig.2

CALIBRATION

Now we proceed to calibrate the device. First we have to leave the device with the mobile already mounted on the stick and the distance from the wheels that we want. We choose the distance between the wheels (**fig.3**) already physically placed previously.

We mark the wheels with a marker and make a cross as we see in the image (**fig.6/fig.7**). When we have chosen the distance between the legs and have marked both wheels (**fig.6/fig.7**), we press start (**fig.4**) and the orange lights will turn on, indicating that the device is in the middle of a calibration.

Next, we turn the device 180° and put it in the same position (on the wheel marks) and press continue (**fig.5**)

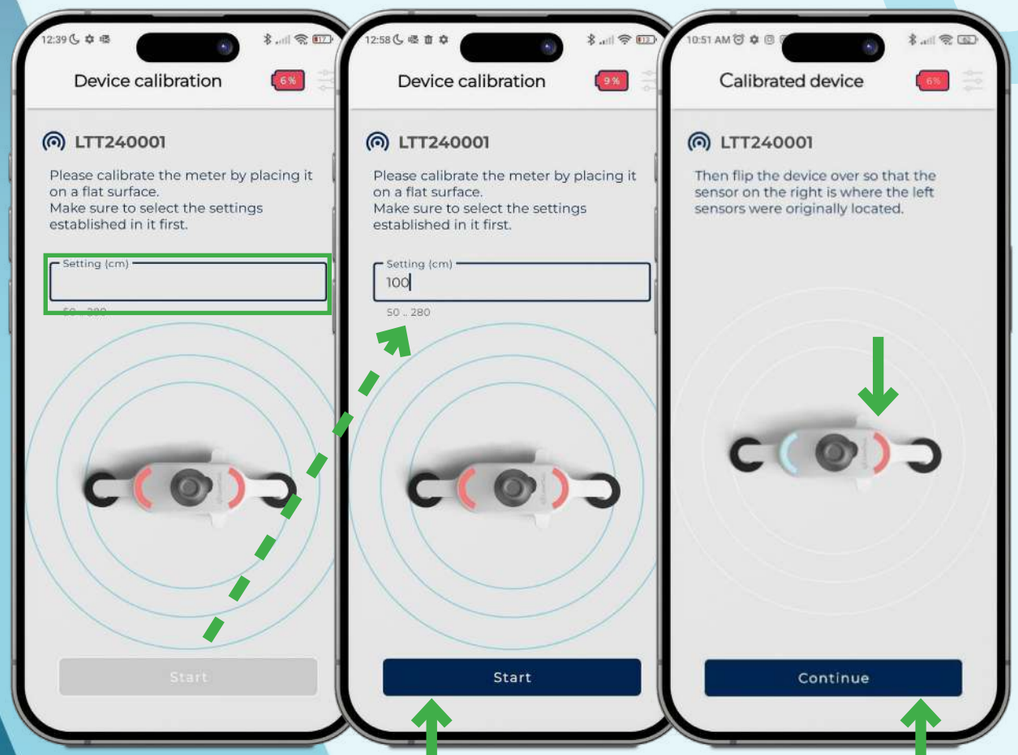


fig.3 fig.4 fig.5

fig.6

fig.7

In case of success the orange lights will turn off and the blue light will briefly turn on indicating correct calibration (**fig.8**)

In case of calibration error an error message will appear on the display (**fig.9**) and the lights on the device will remain orange indicating that the calibration process must be repeated.

fig.8 fig.9

MEASURMENTS IN PROGRESS

Once calibrated, the application takes us to the main screen (**fig.10**) here we can click on start measurement and begin measuring the ground. As we see in (**fig.11**) it indicates that we have advanced 0.17m and we have a deviation of 0.5mm in the left wheel, and in the following photo (**fig.12**) we can see that at point 0.30m we have a deviation of 1.28mm in the right wheel.

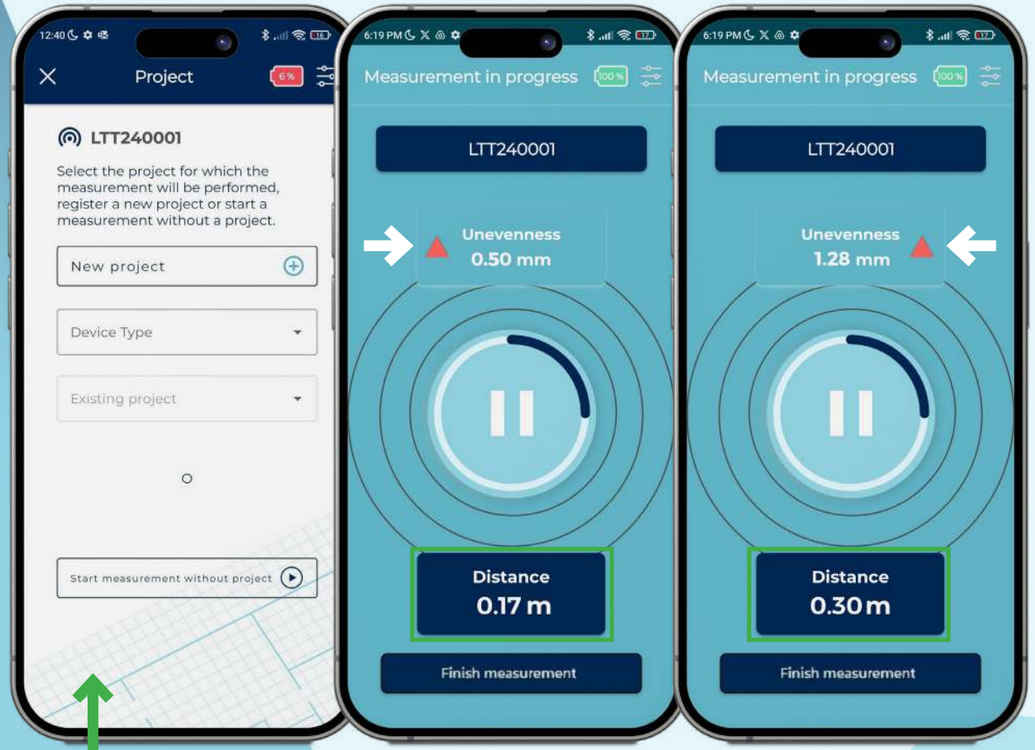


fig.10

fig.11

fig.12

PROJECT CREATION

First we have to create a project (**fig.13**), specifying the client, project name, number of modules it will have, type of device (model T) and the standard, which in the case of model T we only have the BASE standard.

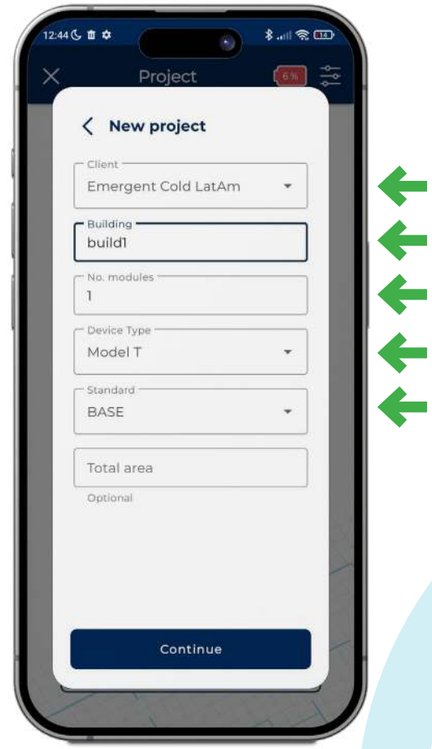
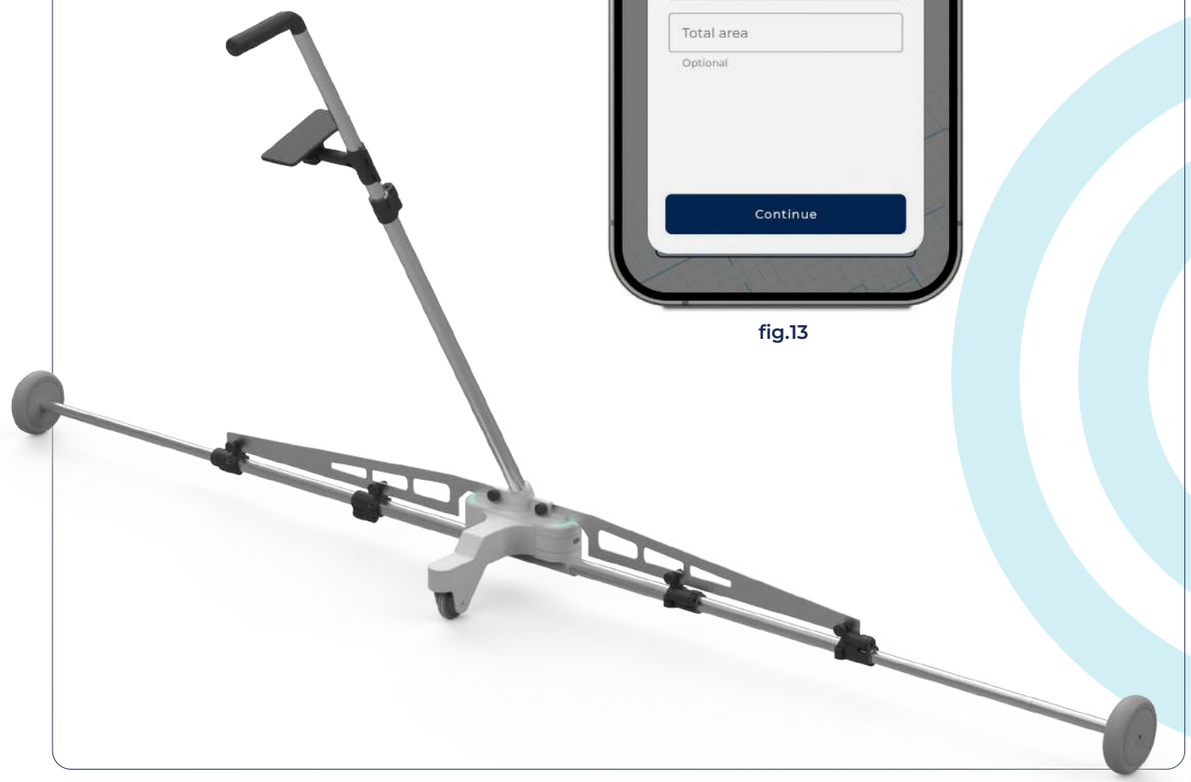


fig.13



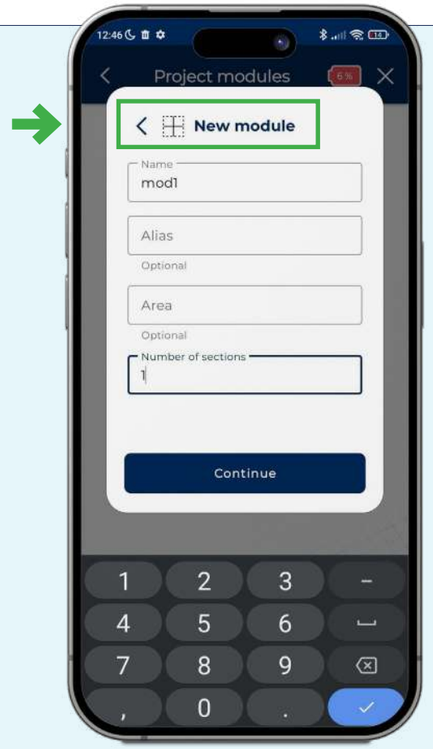


fig.14

We create a new module, specifying the name and the number of sections it contains (**fig.14**) inside the module we create a new section, specifying the name and the number of corridors (**fig.15**) and finally we create our corridor where we must indicate the name of the corridor, the distance from the wheels to which it has been calibrated and every how many cms we want the device to take a data (**fig.16**). We can see the created corridor with its characteristics (**fig.16**)

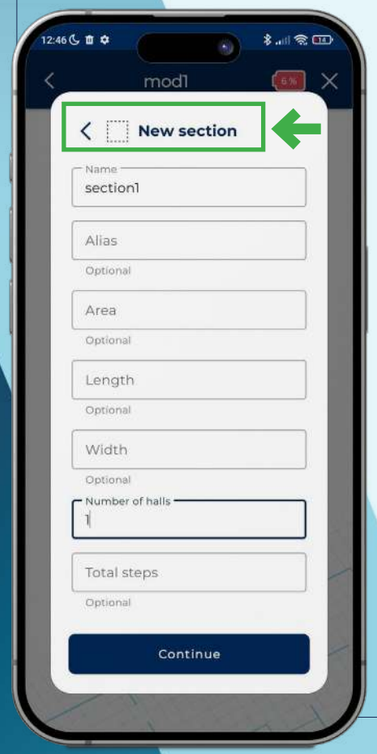


fig.15

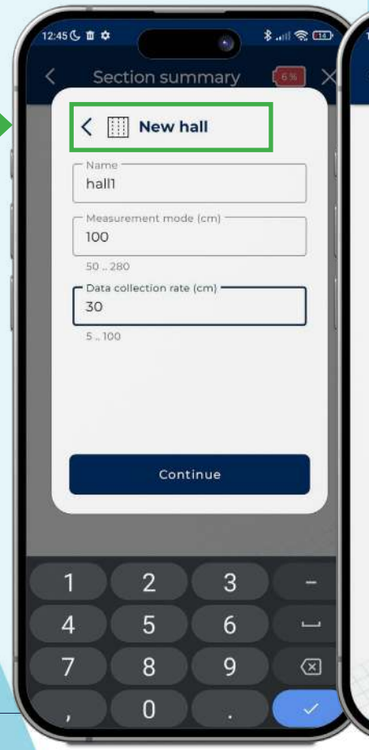


fig.16

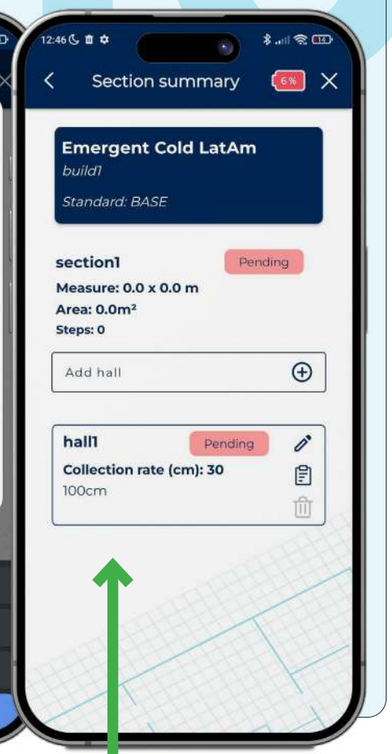


fig.17

MEASUREMENT PROCESS IN A PROJECT

Once the corridor has been created, we will proceed to measure it. We select the corridor and when we are ready we press play, the device will beep and the green LED will turn on indicating that the first data has been collected. When we advance the cm that we have configured in the project, the device will beep and the green LED will turn on indicating that we have to stop to collect the data. When it stops beeping and the LED turns off we can continue advancing until we reach the next point. In short, we have to advance the amount of cm that we have configured in the project, when we reach that amount the device will beep and the LED will turn on indicating that we must stop to collect the data, when the LED and the beep turn off we continue advancing to our next point. When we finish the measurement we will be able to see the graph of the transversal differences at each point of the corridor, also called in some standards such as TR34 property Dz (**fig.18**)

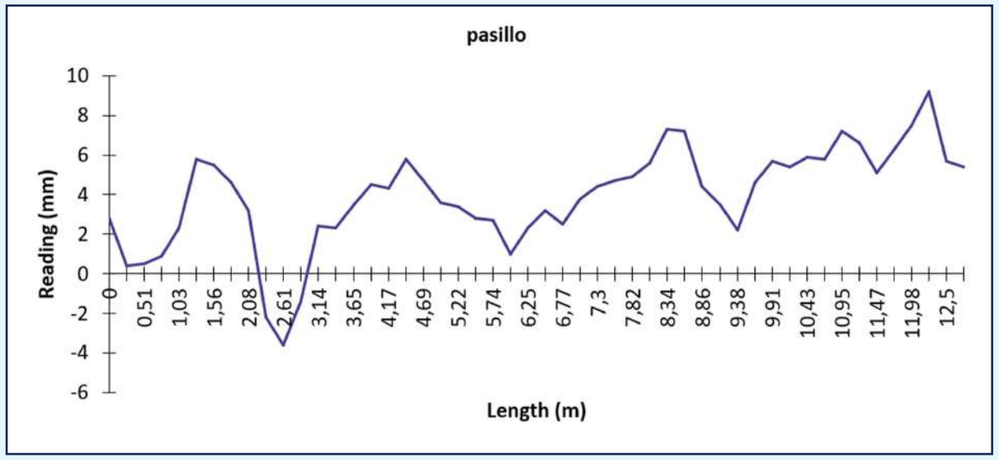


fig.18

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