Via Imperia 28 – 20142 Milano
Tel: +39 02 8910142
E-mail: info@s2tech.it
Sito web: www.s2tech.it

EQFevo

Simplified installation for rope tensioning equalization system

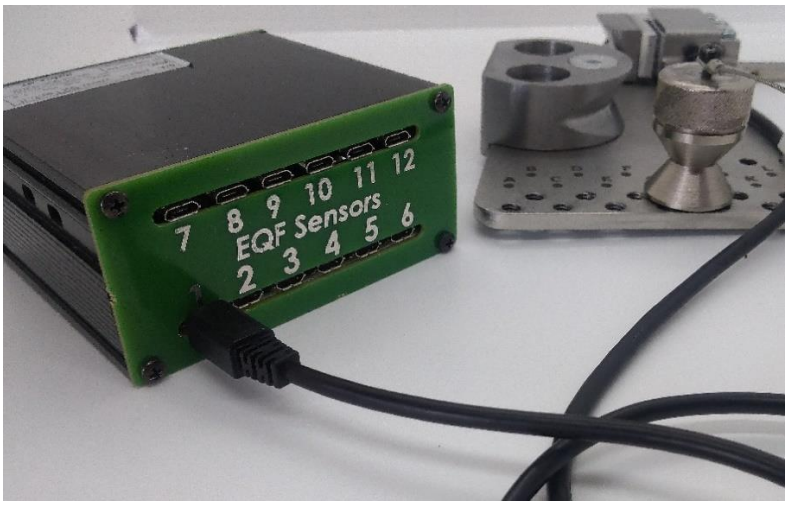
PRELIMINARY NOTES

a) **DO NOT** connect USB port of a notebook or a USB battery charger to the sensor ports on the HUB (from 1 to 12).
b) **DO NOT** turn on the HUB, until at least one sensor is connected.
c) **DO NOT** install 2 sensors with the same ID on a single HUB.
d) Download and install EQF12A_Multilang software from website https://www.s2tech.it/en/products-catalog/load-cells/tension-meter-for-wire-ropes/eqfevo-rope-tensioning-equalization-system/

INSTALLATION and USE:

1) Power on the HUB through PWR USB port to charge internal battery.

2) Connect EQF-18 sensors to the HUB, matching ID code (present on each sensor) to the corresponding port.



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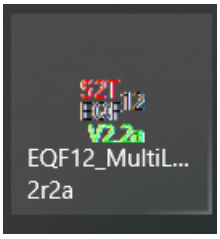
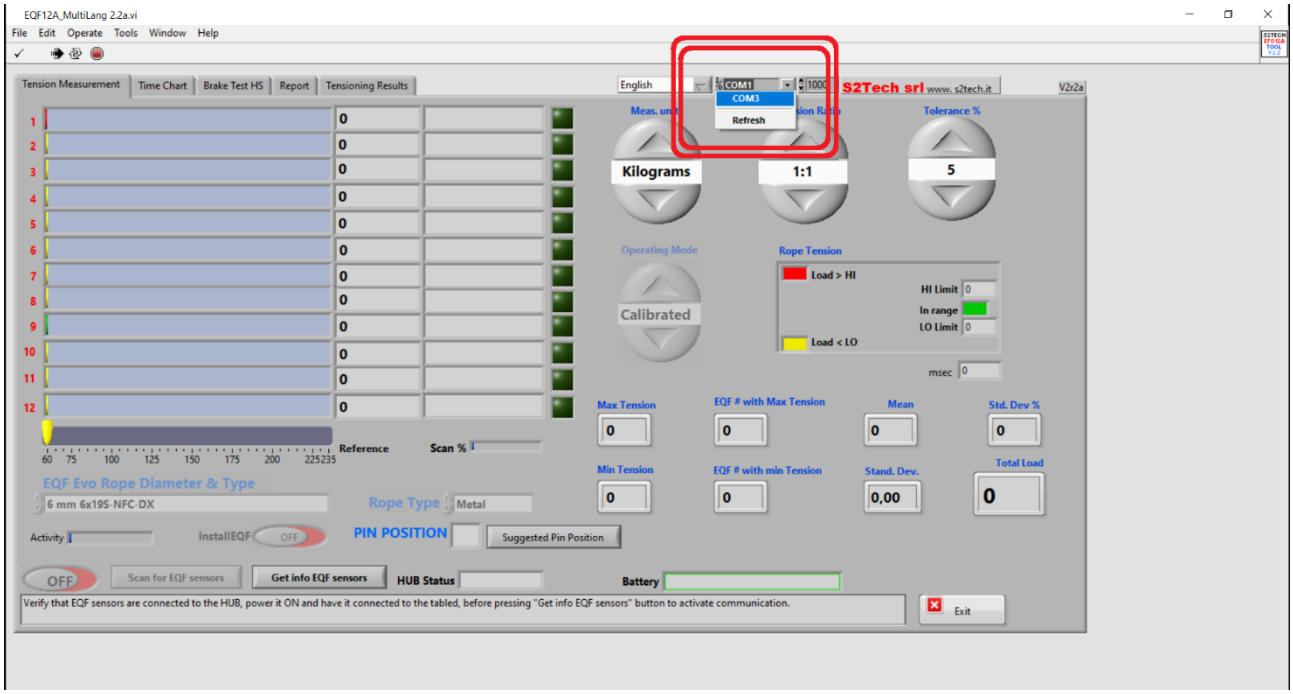
3) Through USB connect the HUB to the notebok (1) and power it on with button I/O (2).

4) Run the EQF12A_Multilang program.



5) Select serial port created for the HUB.



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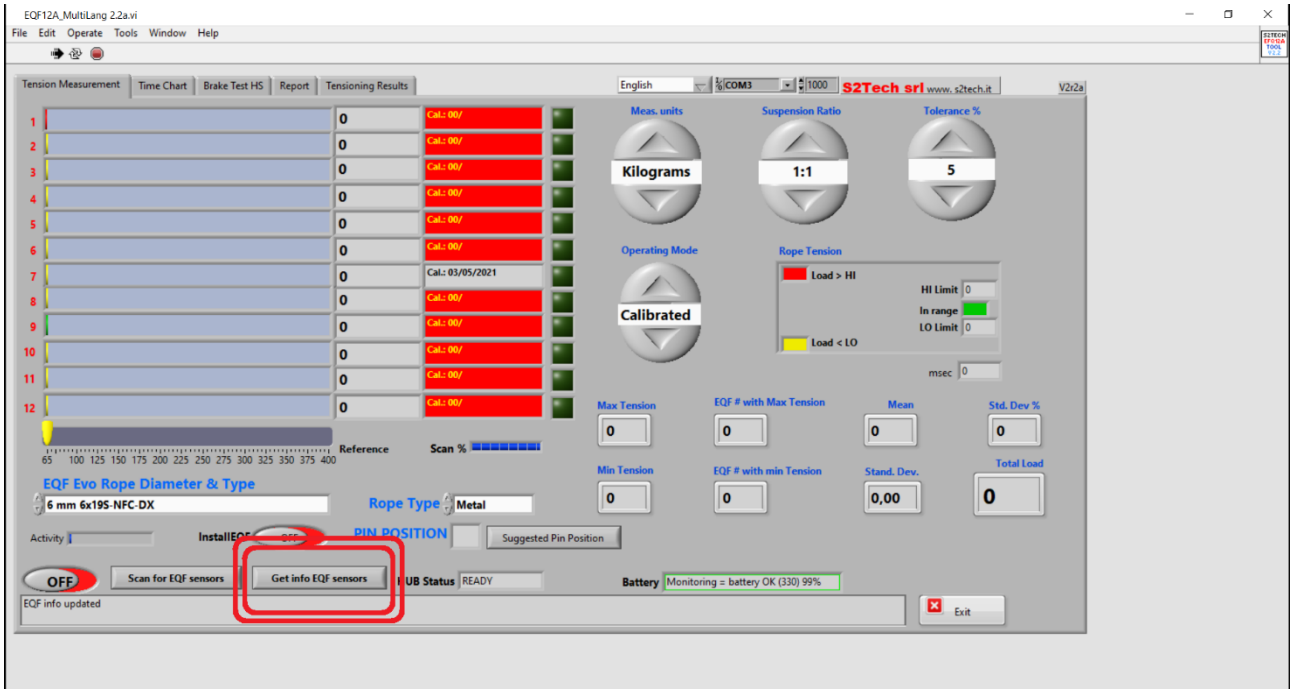
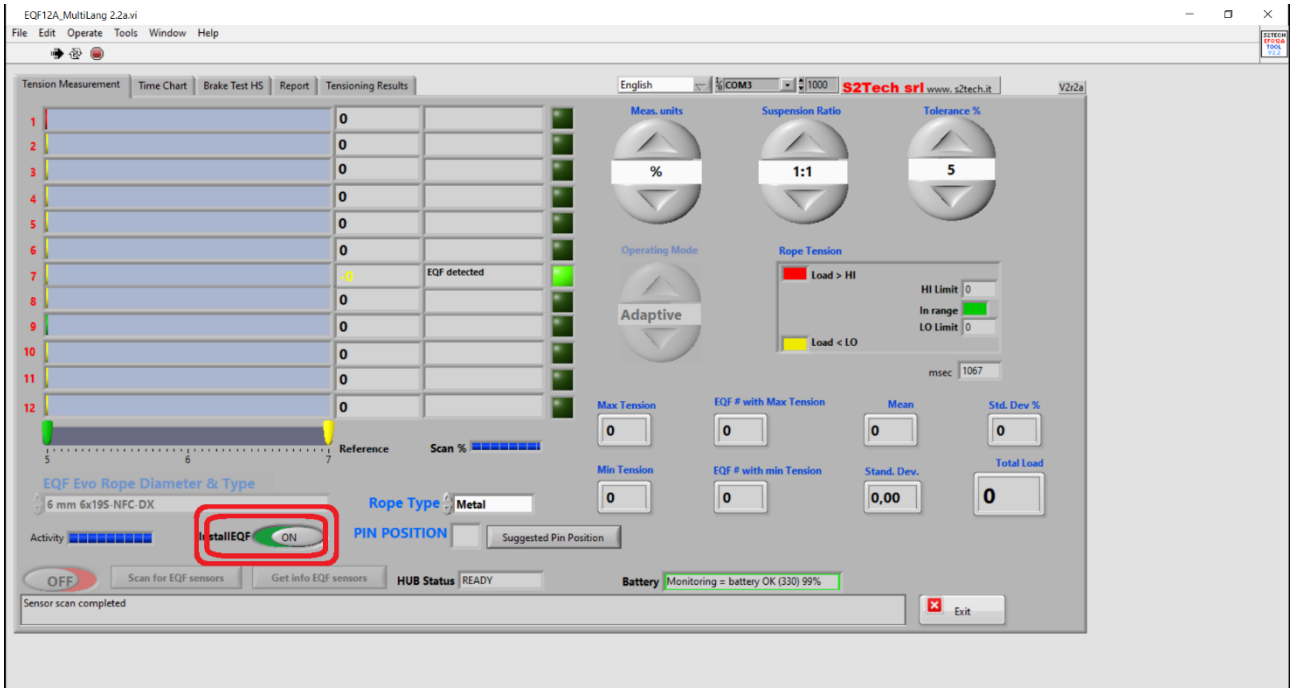
6) **Click on “Get info EQF sensors” to detect sensors connected to the HUB (about 60 sec.)**



7) **Click on “Install EQF” before installing sensors on the ropes. Wait until led (associated to the sensors) become green.**



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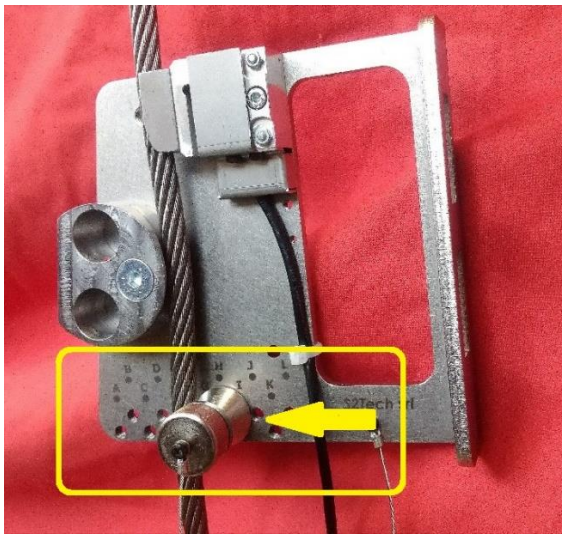
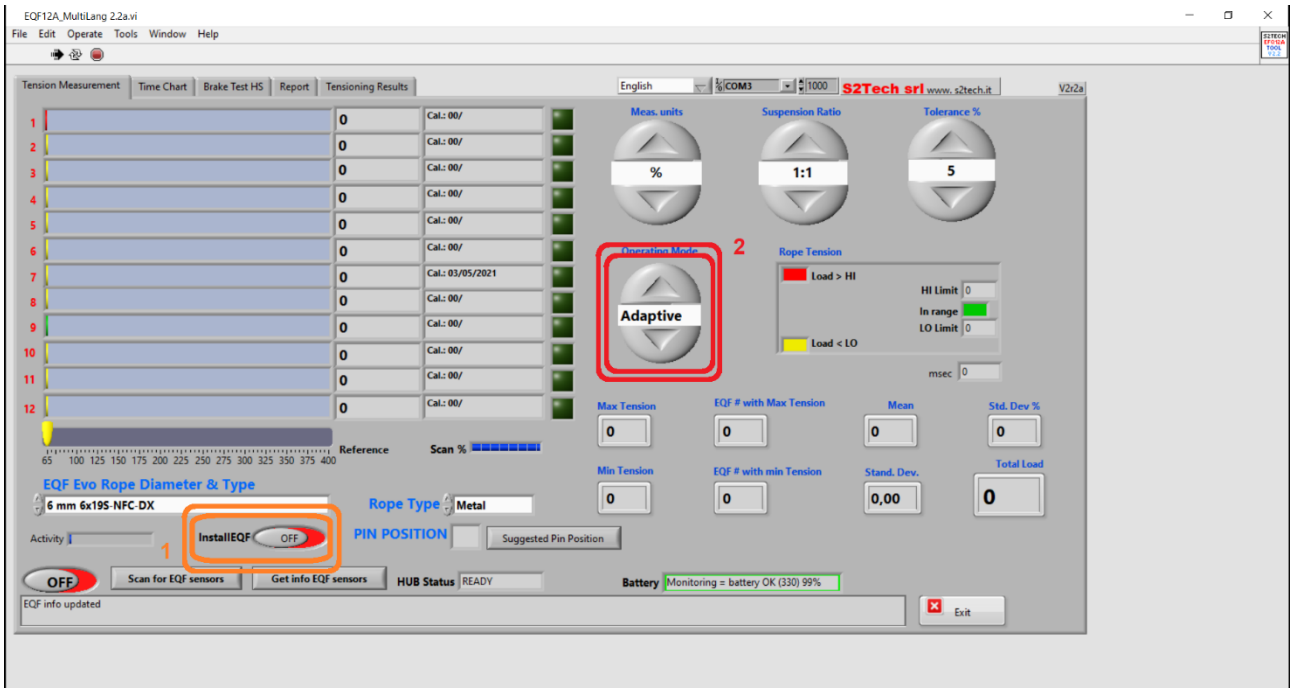
8) **Without disconnecting sensors from the HUB, install the sensors on each rope of the lift. Place deflection mobile pin as near as possible to pin A (indicated on the sensor), according to ropes diameter. All the installed sensors MUST have deflection mobile pin on the same position.**



9) **Uncheck "InstallEQF" mode (1) and select "ADAPTIVE" mode (2).**



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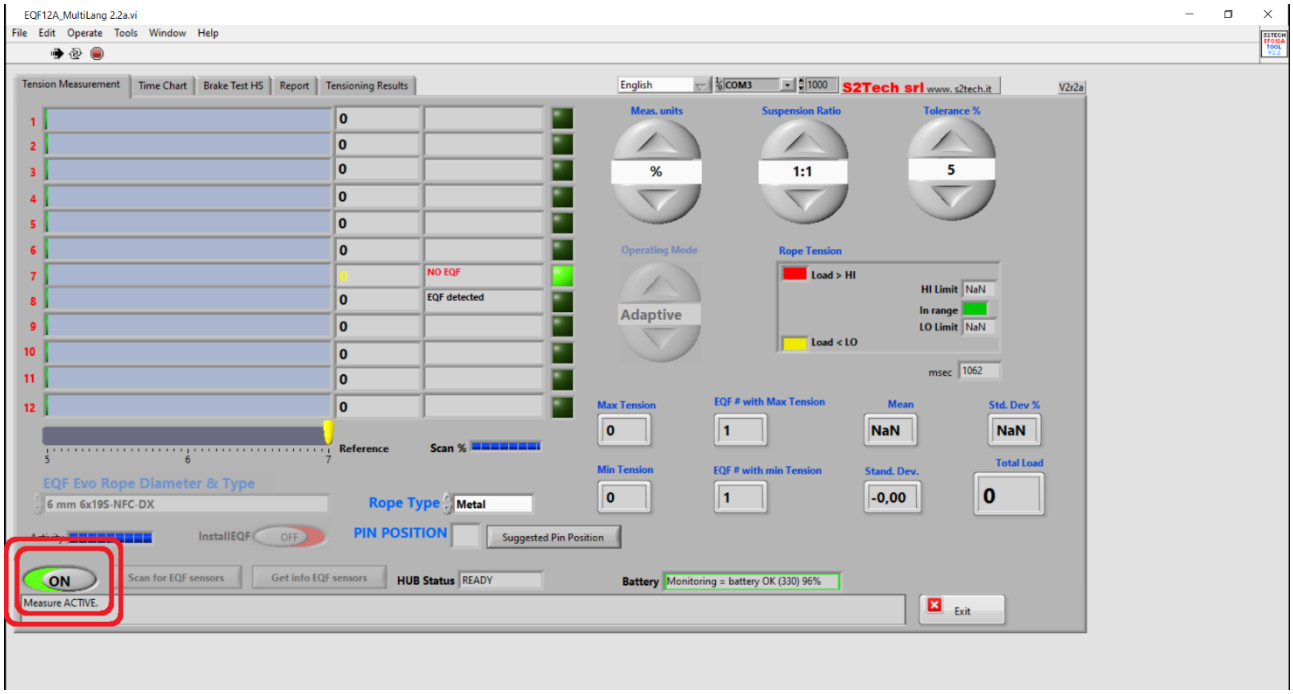
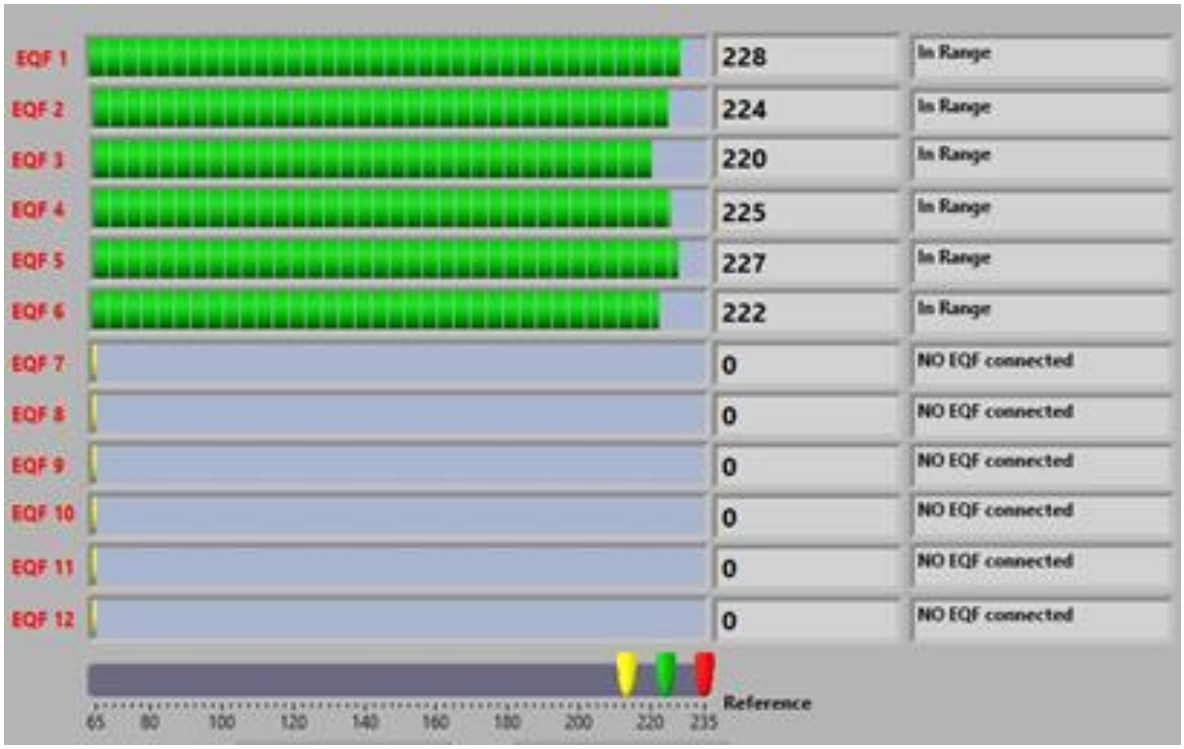
10) Click "ON" button to start tensioning measurements.



11) For each installed sensor a dynamic bar will be displayed. It changes according to different tension of the rope. When all bars are green-coloured, it means that ropes are aligned (±5% of the measured value). If one or more ropes overcome the limit of ±5%, bars can be yellow (tensioning lower than tolerance) or red coloured (tensioning higher than tolerance).



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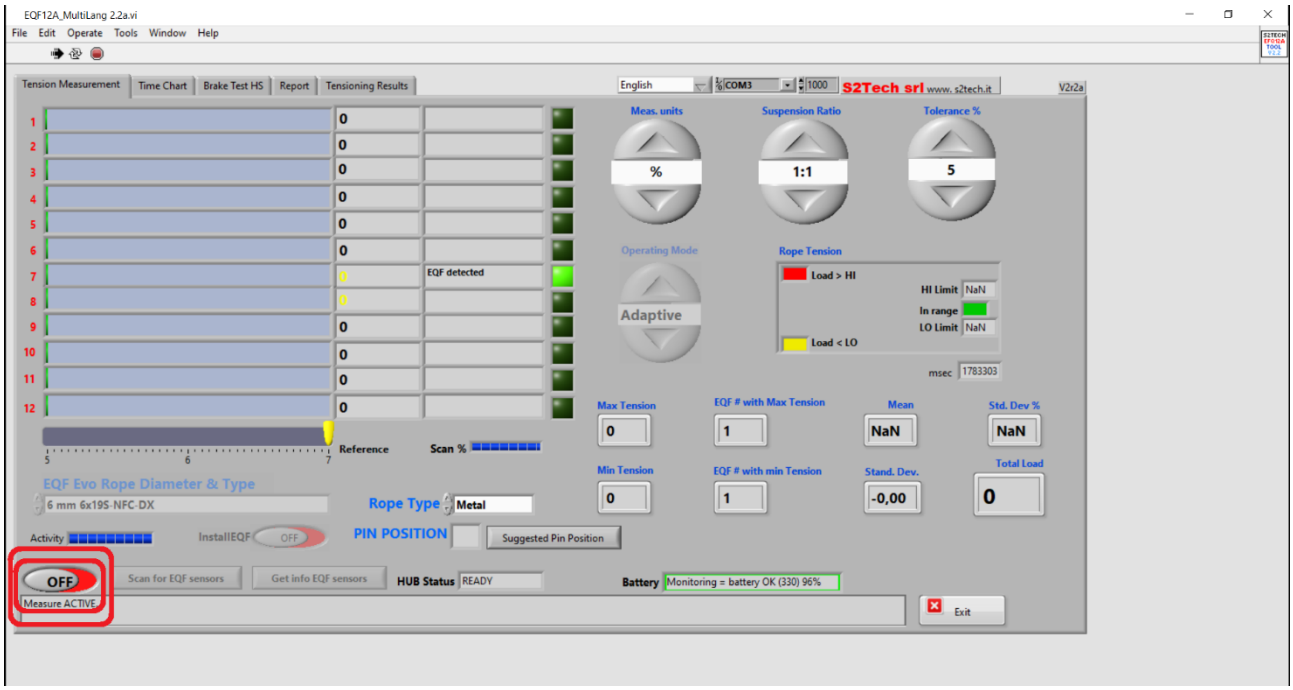
12) Click “OFF” to stop measurements when all the ropes are equally tensioned / aligned.



13) Click on “Report” (1) and fill in the module with lift data. Then click on “PDF Report Generate” (2), to download test report document as PDF file.