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EZ7300 Series – ATP

Additional information

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1. Photomultiplier tube (PMT)

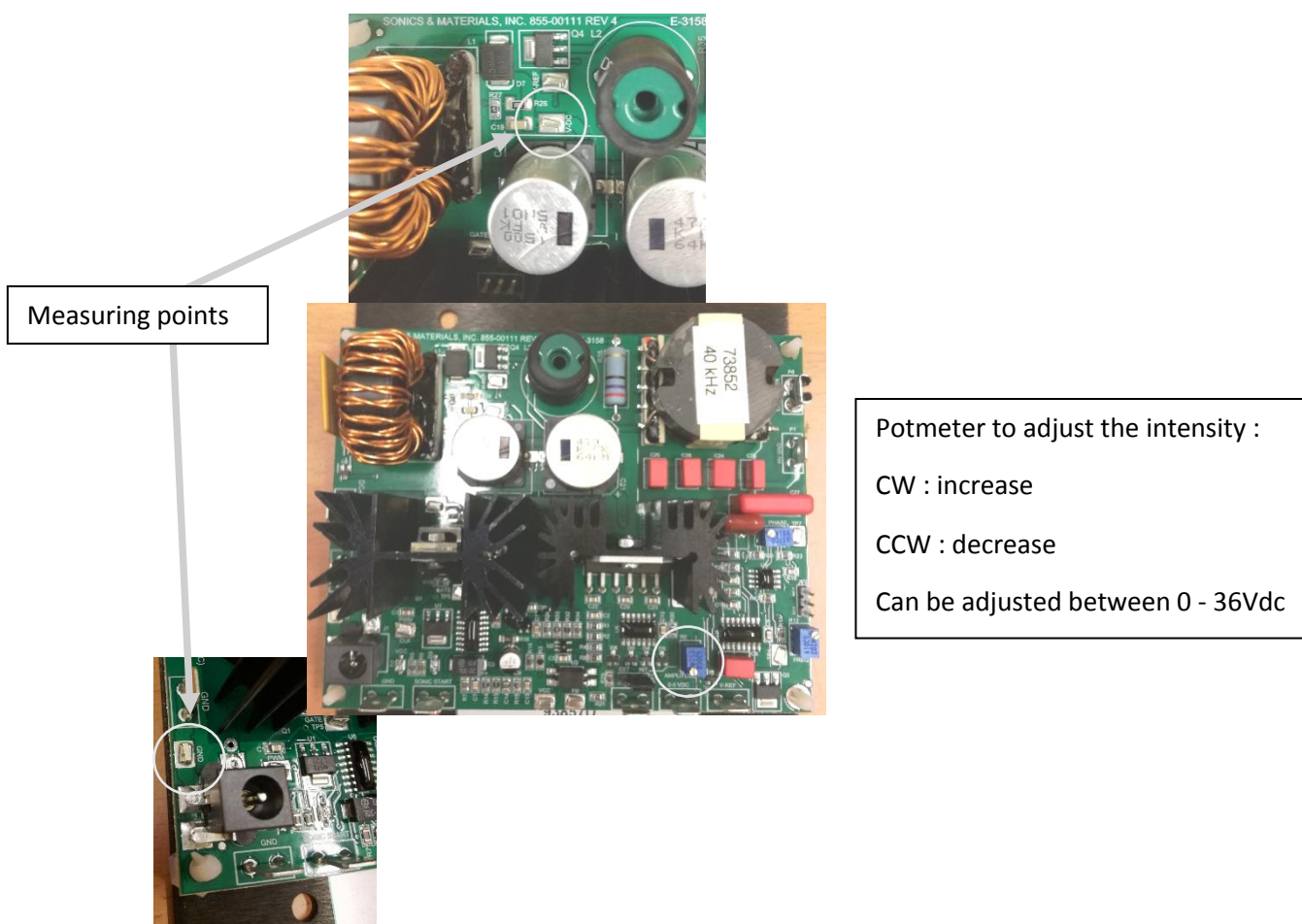
When checking the inner compartment with the flowcell and PMT, always disconnect the power supply to the PMT by opening fuse nr 7 before opening the cover.

After closing the cover, reconnect the fuse and allow the PMT to adjust itself before starting a measurement or calibration. The restart of the analyser may be required for proper detection of the PMT.

2. Adjusting the intensity of the sonication

Depending on the application, it can be needed to adjust the intensity of the sonication. This can be done by adjusting a potmeter on the controller of the sonicator.

Setpoint : 15Vdc



Remark: the sonicator needs to be activated in order to be able to read the voltage. (Fill the sonication vessel with water to avoid damaging the probe).

3. Reagents

When using the reagents and standalone solutions make sure that, before inserting tubing in the containers, the ends have been cleaned with ethanol to prevent contamination. Contamination will lead to faster degradation of the reagents or higher background readings.

4. Sonicator

The ultrasonic chamber should always contain sample when the sonicator is activated, this is indicated by a loud noise that can be heard. It can damage the sonicator when it is activated and not submerged in sample, when sample is absent so will the noise.