

SO2 module (T) – Checking the flasher UV lamp

- 1- Tools you need
 - a medium Phillips screwdriver

- 2- In the Linsens interface, click on SO2

- 3- Locate the value “RefDetSO2”, and Power Lamp”: if RefDetSO2 doesn’t reach 3000 mV and Power Lamp shows 100%, the flash lamp must be replaced

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Actual SO2 Values Schema

no calibration active next automatic calibration cycle starts: 20170831 01:00:00

Parameter	Value	Unit
SO2	-0.9	ppb

SO2_all	-0.9	ppb	SO2_raw	-1.1	ppb
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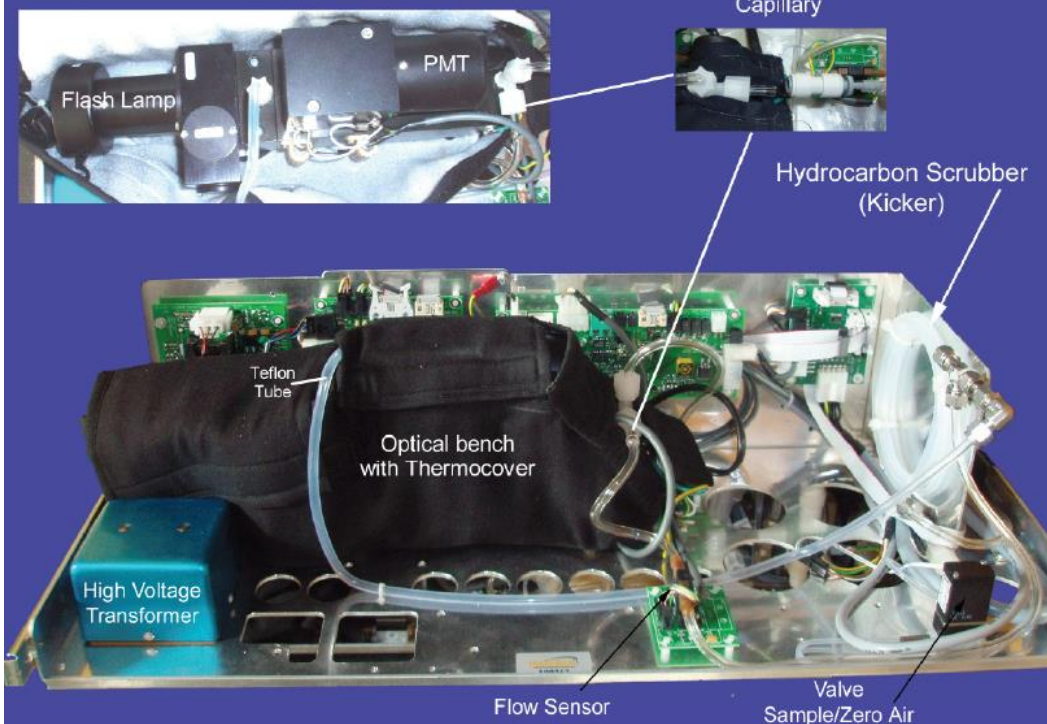
PMTSigSO2	14070.0	Hz
RefDetSO2	2997.2	mV
IntensitySO2	62.3	%
PressSO2	855.7	mbar
BenchTSO2	50.0	°C
PermTSO2	50.0	°C

SO2 Time Constant nr values to TC:	1200
SO2 Slope:	1.105
PreAmp	Gain 100 /Offset 0.0 /HVset 580.0 V

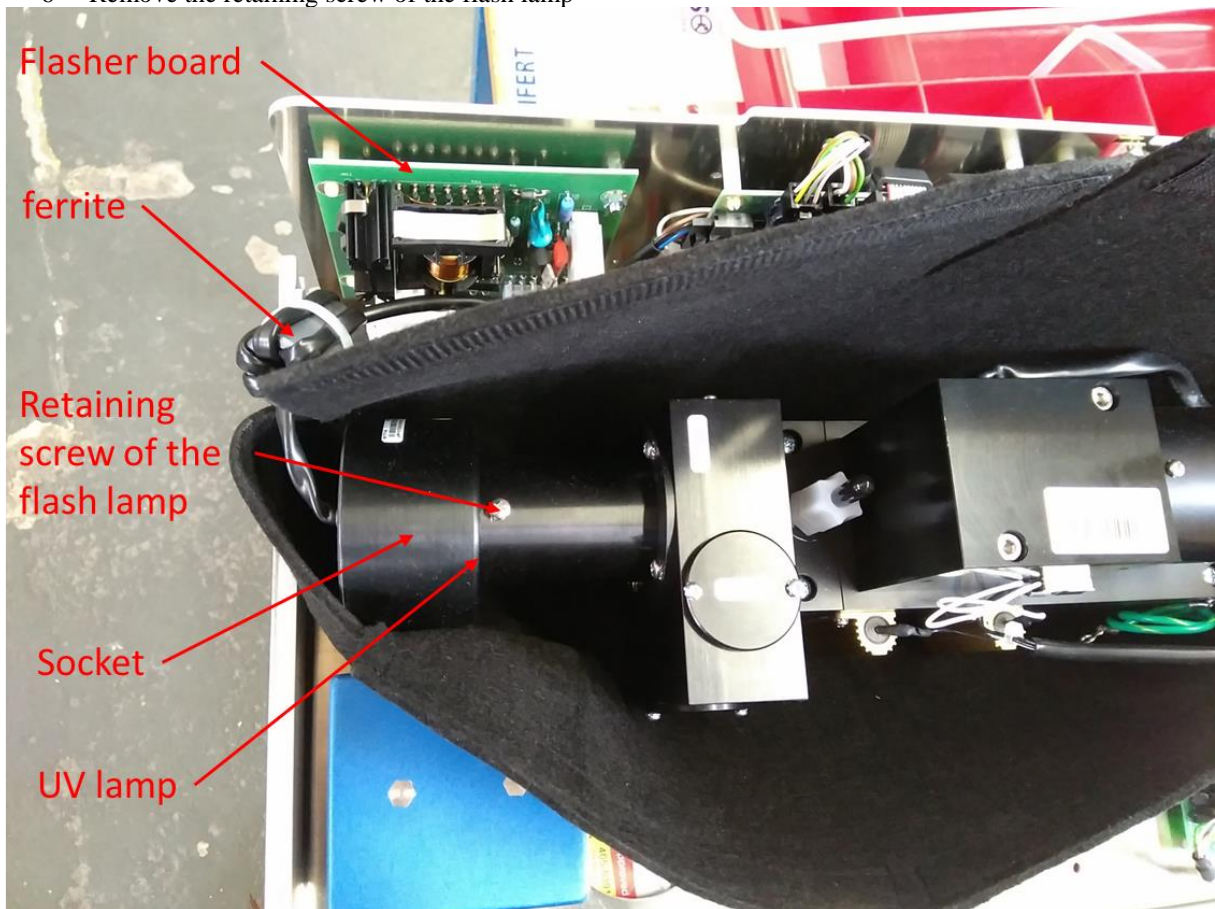
- 4- Turn off and unplug the airpointer. Pull the SO2 module drawer

5- Remove the upper cover of the SO2 module and locate the lamp

Optical Bench with open Thermo Cover

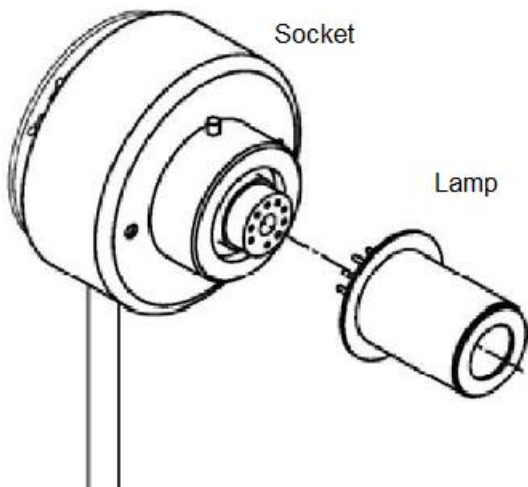


6- Remove the retaining screw of the flash lamp



7- Carefully slide the lamp+socket assembly out of the bench

- 8- Carefully slide the lamp out of its socket and install the new lamp instead



- 9- Install the lamp+socket assembly back in the bench, retight the retaining screw, close the upper cover and restart the airpointer

- 10- Recalibrate the module