



# Humidifier

## User Manual.

### *Architecture and parts specification*

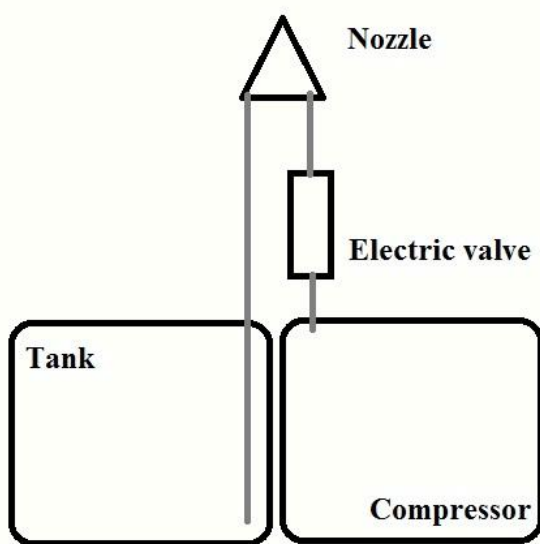


Figure 1

#### **Compressor:**

**Producer:** ABAC

**Name:** Vento 2002

**Volt:** 230/240

**Watt:** 750

**Max pressure [bar]:** 8

**Silent:** 66 dB

**Capacity of the air tank [l]:** 6

**Dimensions [mm]:** 530x210x540

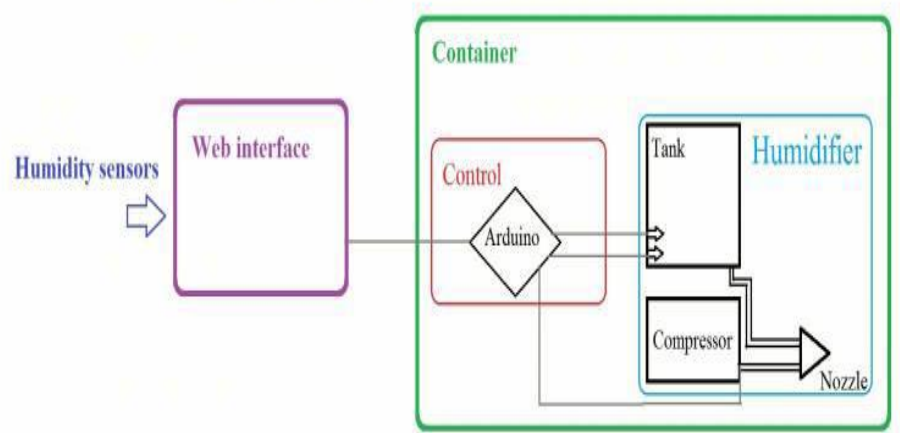


Figure 2

**Nozzle:**

**Weight [kg]:** 9

**Producer:** Isofluido's Lechler Nozzle

**Name:** 136.330.35.16

**Q: [l/h]** 1,2 (4bar)

**Water tank:**

**Capacity :**25 l

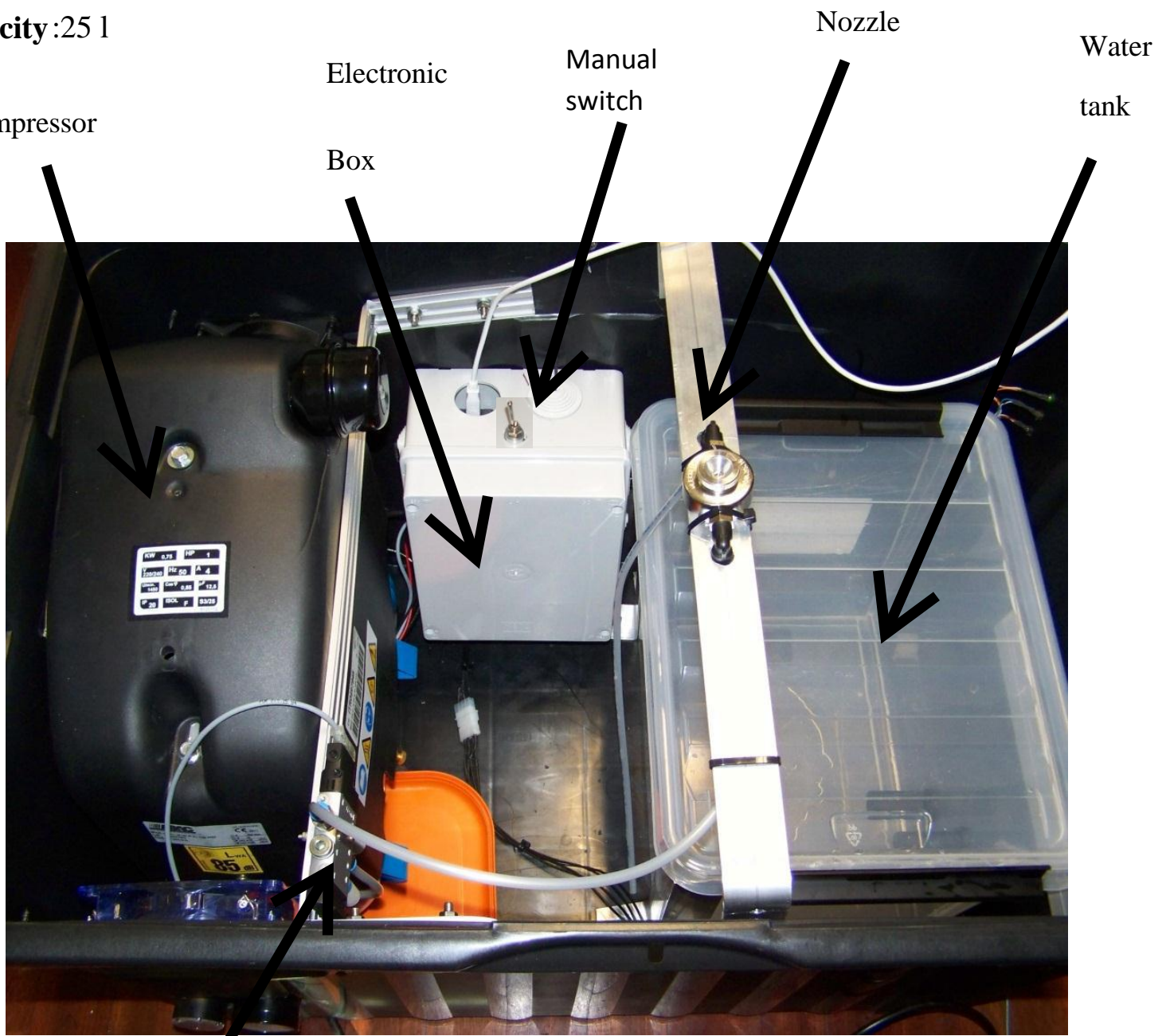


Figure 3

Electric  
valve

## ***Button and LED's***

On/Off – switch on/off all parts of humidifier

LED's information



Figure 4

**Red**-error with water sensor.

**Red** and **Yellow** in the same time – water tank empty. All system is stopped. You must fill up the tank.

**Yellow**- reserve. You should replenish water in the box

**Green** - internet connection

## ***Service***

**Fill up the tank.**- Open the a main cover of humidifier. Inside is the colorless plastic box. You must open two grapples and remove the lid(picture below). Fill up the water and close the tank and humidifier.

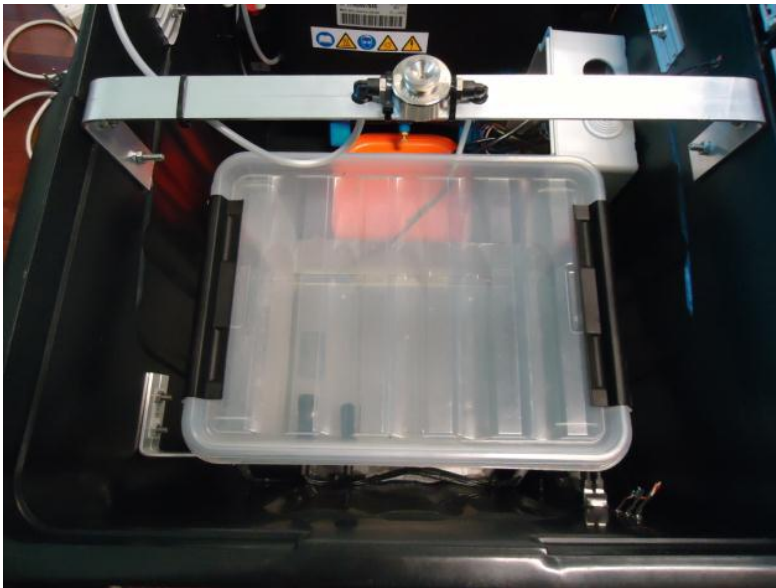


Figure 5

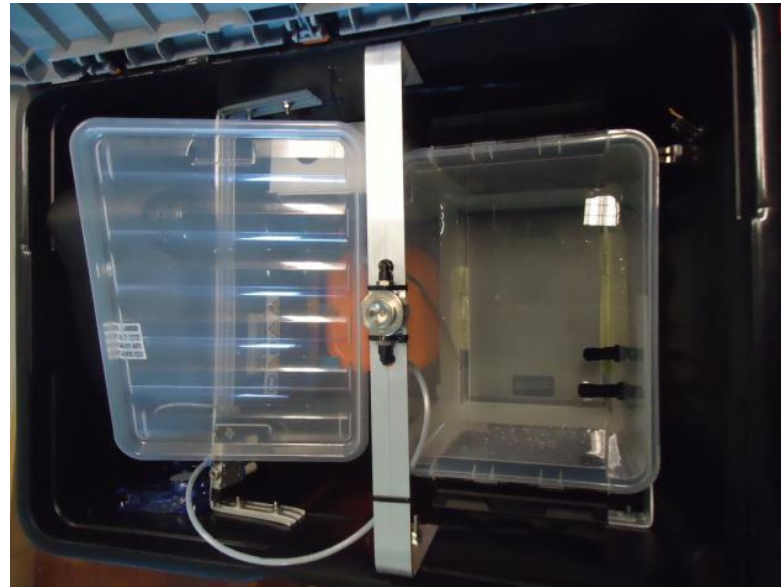


Figure 6



Figure 7

**Emptying of air tank** the air tank in the compressor can collect the water. The water must be remove. You can do it by opening the valve that is in the bottom side of air tank. Before you do it you must switch off the compressor or all humidifier.

**Connecting a computer to microcontroller.** You have to remove the white lid. You must switch off the power supply (On/Off button) and then connect the usb cable.

The power have to be switch off if you want to connect the usb cable.

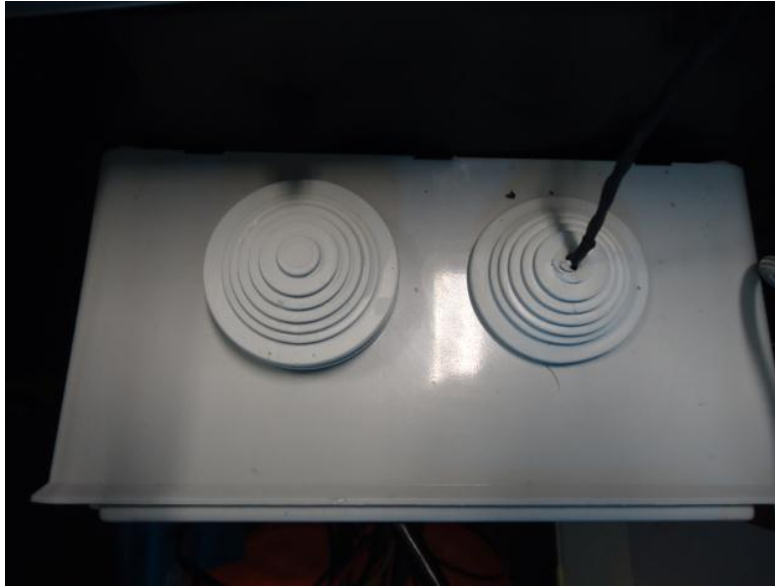


Figure 8

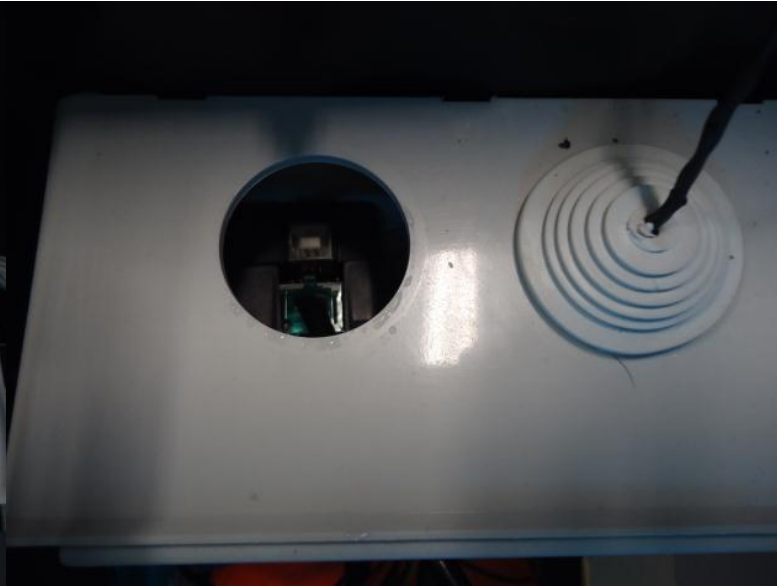


Figure 9

### *Possible problem*

Compressor doesn't work. Probably the temperature of compressor is too high and temperature protection in the compressor has worked and switch the compressor. The compressor should be on when the temperature will be correct. When you have other problem, you should switch off the compressor (red button on the picture) and after few second turn on again.

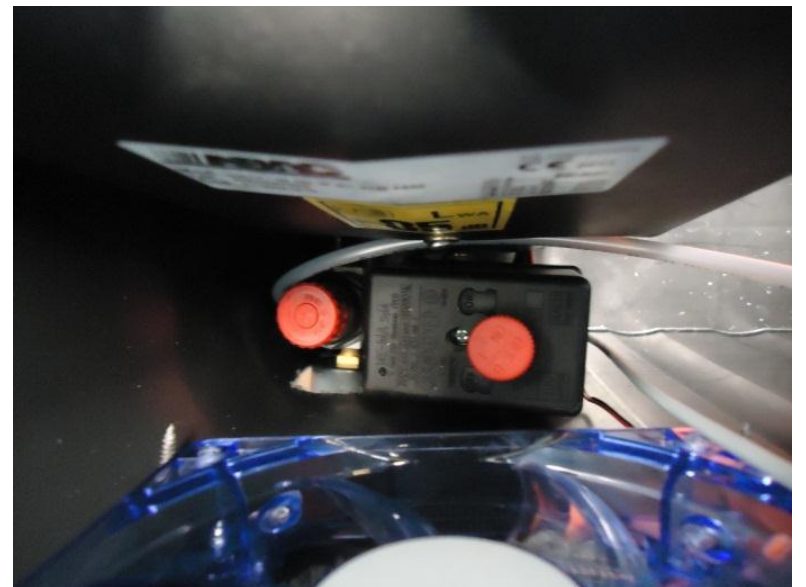


Figure 10

Red LED-Water sensor is broken. You have to change.

## *Schematic*

Electric Connection

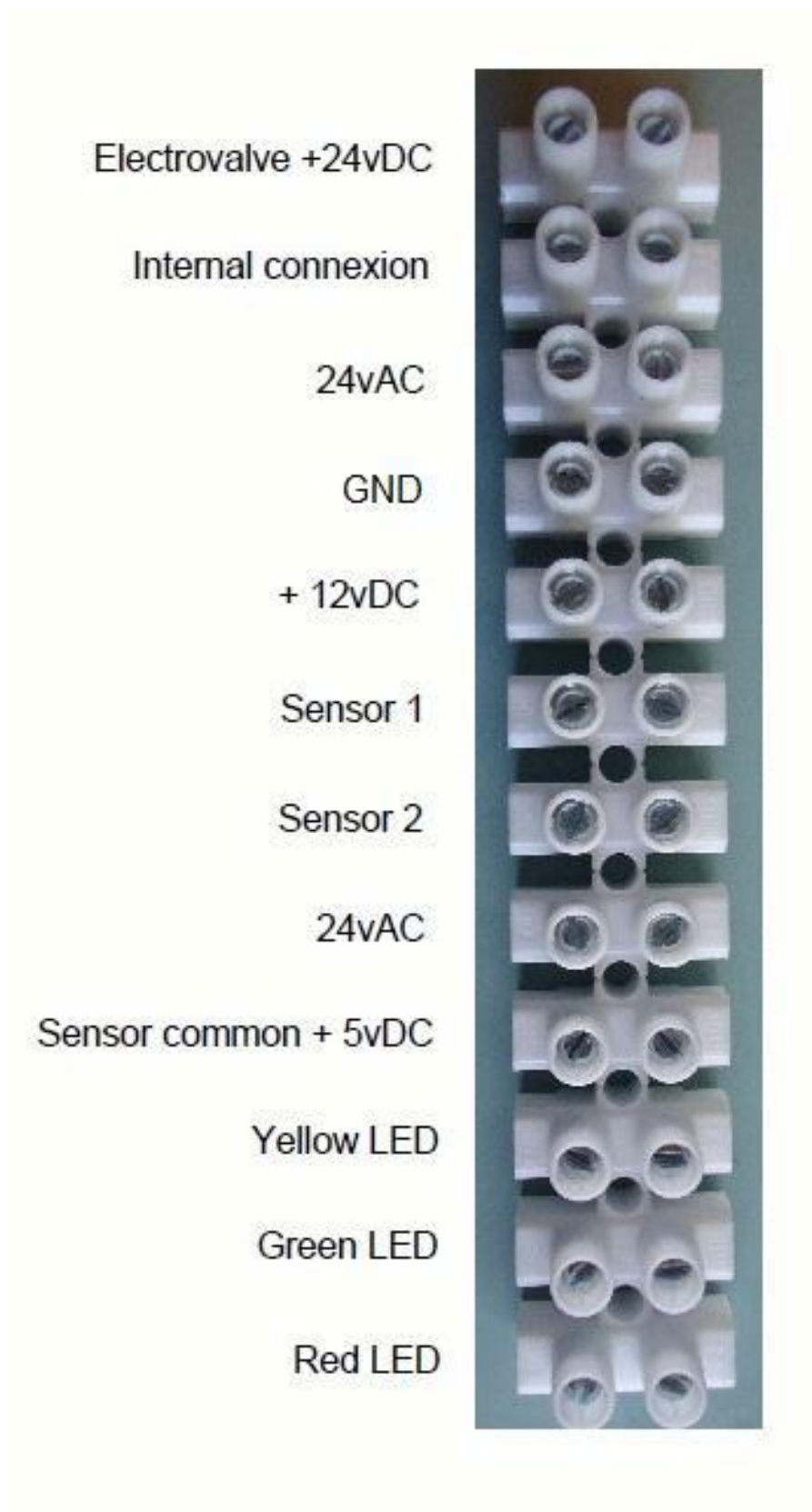


Figure 11

## *Manual switch*

If we want humidifying without control – press the button like the picture under. The Compressor need 7mintes rest after 2 minutes working, because of the overheating.



Figure 12

## *Water Level*

Refill the water in the tank until the marker line!

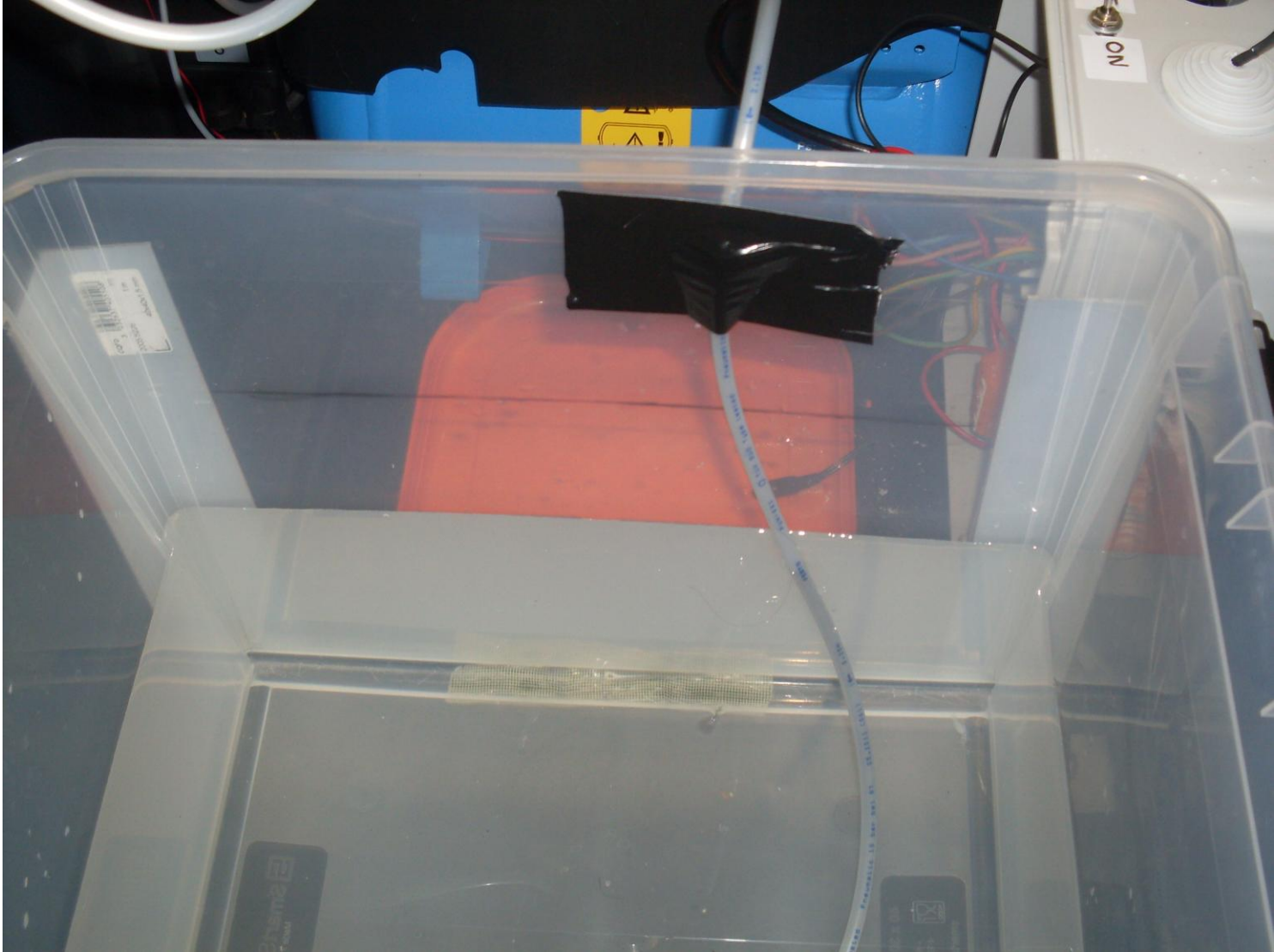


Figure 13

**Group Two EPS**

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