

Agrocolor® is a colorimeter designed by Agrosta, dedicated to food business. You can record inside the microSD your batches, statistics and calibration value
The values are given in RGB (Red / Green / Blue) between 0/0/0 (Pure black) and 2500/2500/2500 (Pure white)



Many thanks for having acquired this precision instrument

The package contains :

- The instrument itself
- A charger
- A pre-inserted microSD card
- A microSD to SD adaptor
- A pure white referential

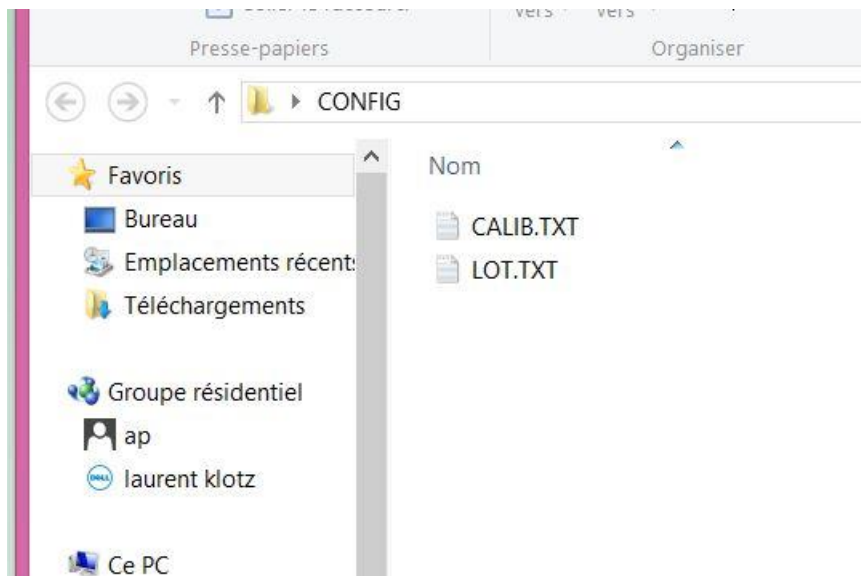
Electronics :

- Mother board based on Atmega 328 processor, made in Italy
- Colorimeter module made in USA, Red, Green and Blue from 0 to 2500, 0/0/0 being pure black, and 2500/2500/2500 being pure white – This colorimeter is 10 times more precise than other RGB colorimeters proposed on the market
- Screen DFRobot, made in Hong Kong
- SD slot made in China
- Rechargeable battery, Li-ion

File written on microSD :

1 Directory (CONFIG) - Never change the name of directory, not the architecture of the files

Details of CONFIG directory

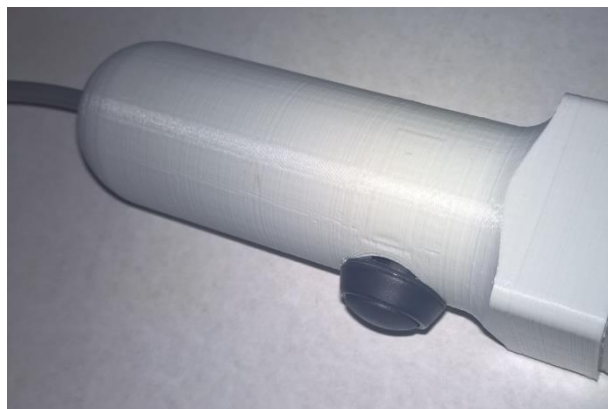


The file CALIB contains calibration data, and shall not be modified

The file LOT contains the number of the last batch, put 0 if you want to restart the batches numbers at 1

Menu « Calibrate »

Put the probe vertically on a pure white surface, and then click on the button of the probe :



Menu « Measure »



Take your samples one after each other, press them on the transparent surface of the head (in contact with the light), and click on the button of the probe
The data is instantly displayed



Once your batch is finished, click on 3 to record it in the micro SD, and display the statistics



Your batch has been stored under « .csv » format, compatible with Excel (separator ;) It is stored on the microSD home directory