

The Agrosize has been designed for users that want to obtain very quickly the average size / diameter / caliper of fruits or vegetables of a complete batch (lot), it is adapted for quite all fruits – It is a laboratory instrument



Mark and patent registered.
Designed and manufactured by AGROSTA

Thanks for having acquired an Agrosta Machine !

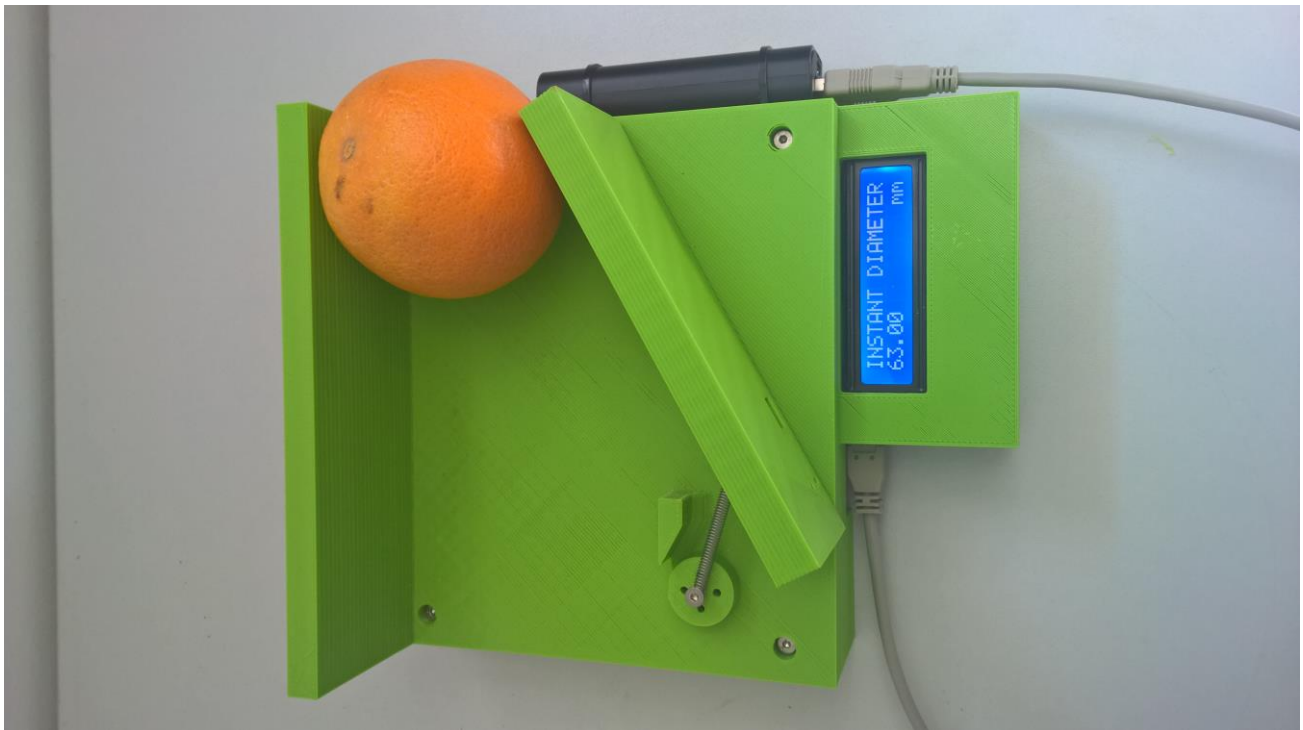
Your instrument is provided with :

- A CD with the soft for transfer to a PC
- A battery installed on the instrument
- A charging cable for the battery (white)
- A cable for data transfer or to power the instrument via a PC (Grey)

Main characteristics of the machine :

- Main electronic processor based on Arduino (Made in Italy)
- Electronic shield for rotation measurement made in Italy
- Design and software made by Agrosta in France

- Resolution : 1 mm
- Max size : 90 mm (Can be more on demand)
- Min size measurement : 15 mm
- Precision : 0.4 mm
- Memory 510 data / Memory erased when data is transferred to a PC

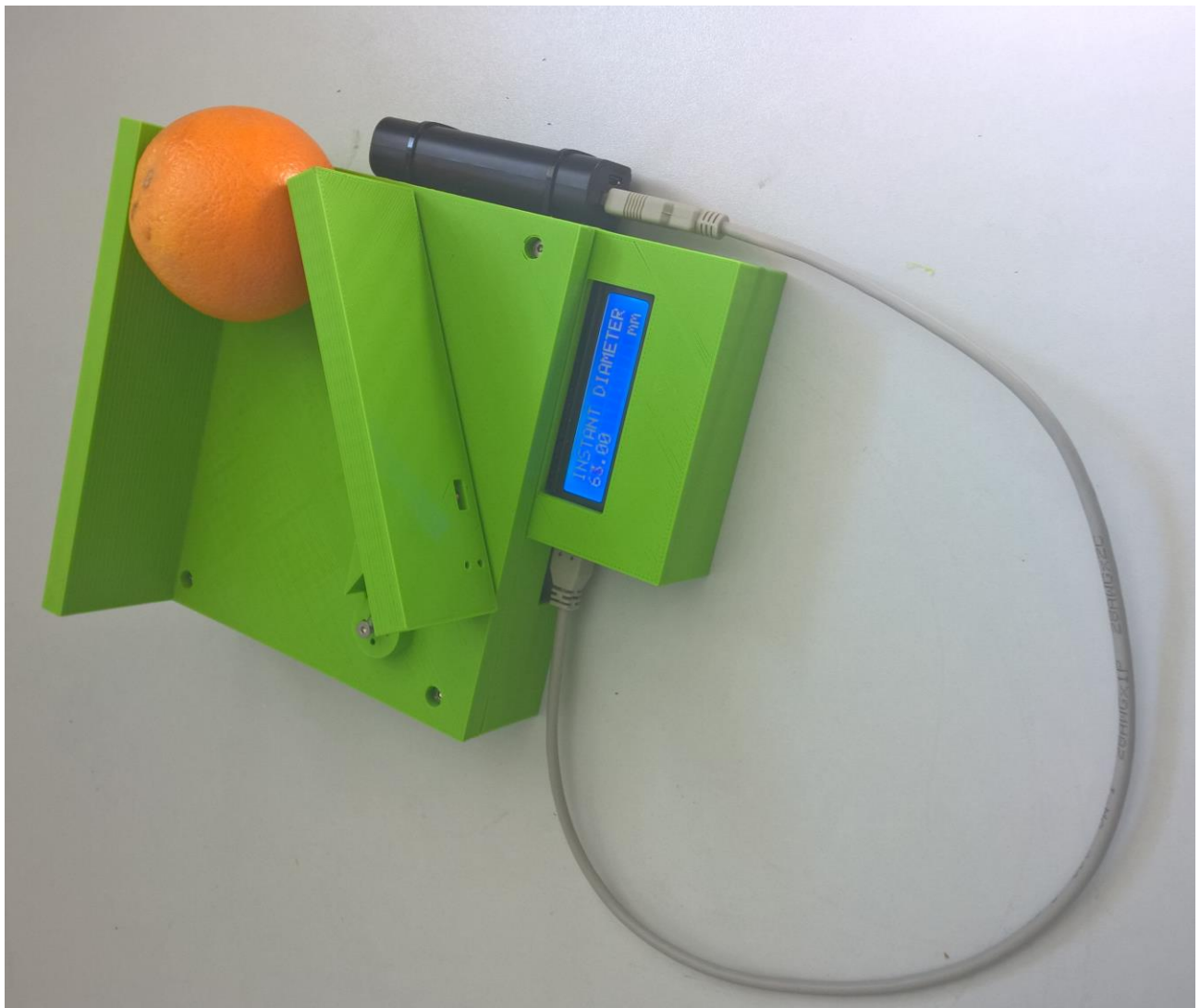


- 1) Install the software provided on a CD (Compatible with Windows XP,7,8 in 32 Bits and 64 Bits versions)
- 2) Close the soft if launched automatically
- 3) Unpack your machine
- 4) Connect the power plug (Grey cable) to a PC (The door must be in HOME position when you switch on the instrument, as the reference position is taken when you plug the power to the instrument)
- 6) Wait till the driver is automatically installed
- 7) YOU ARE READY !!

PS : For making Agrosize a mobile system, just connect the grey cable to the battery fixed on the device
For charging this battery, use the white cable, and connect it to the battery, and to a PC or any charger for mobile phone

MEASURING :

- 1) Prepare the batch of fruits you want to measure
- 2) Switch your instrument on – Connect it to a PC or to the external battery (Take care that the door is in HOME position when connecting)
- 3) Cross the door with your fruits one after each other
- 4) The measurements (Size = Diameter in mm) are automatically stored inside the memory of the instrument

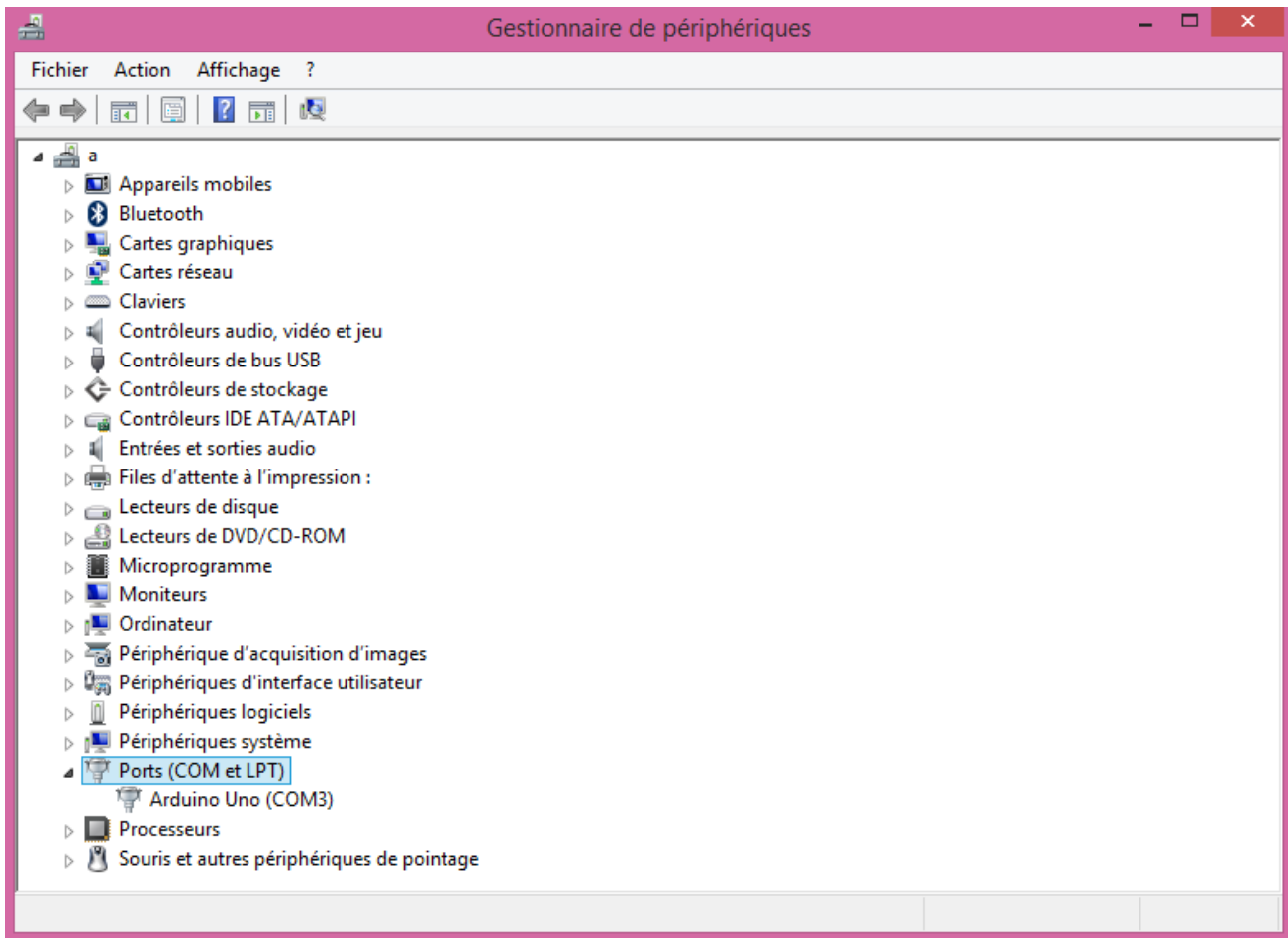


ONCE YOU HAVE MEASURED YOUR BATCH (MAX 500 MEASUREMENTS)

1) Choose the COM port used by your machine :



If several COM ports are proposed, you should open the devices manager of windows, and find the COM port corresponding to Arduino (Here COM 3) :

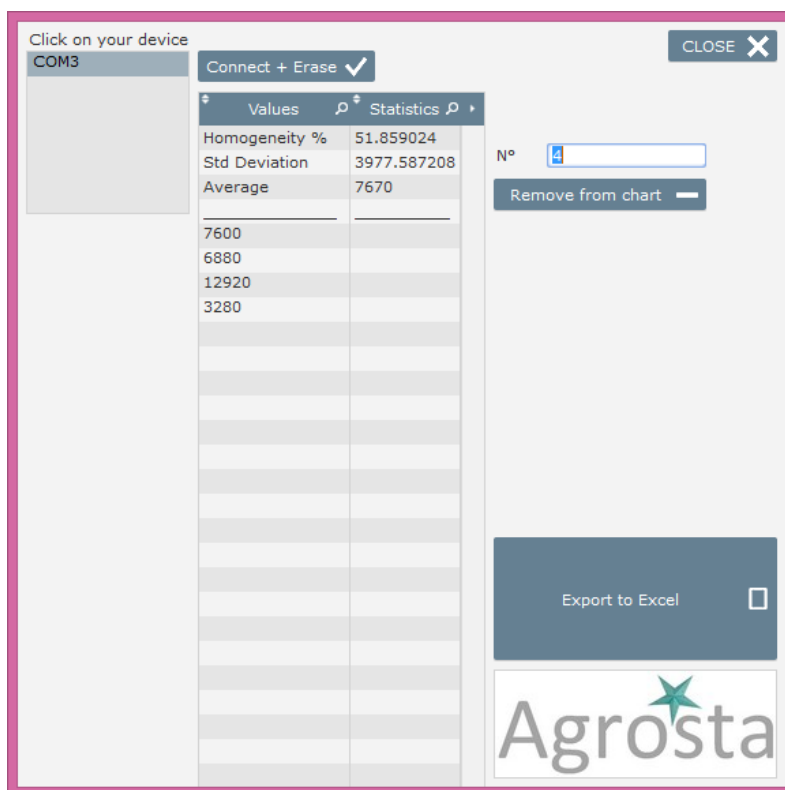


If a list of figures (1-2-3-4...) appears instead of COM1, COM2, COM3.. it means that no device is connected to your PC (Maybe you didn't connect the machine, or didn't wait for driver install)

Then, you should close the soft, reconnect correctly your machine, and relaunch the software

2) Click on "Connect and Erase" while the machine is not moving

3) All data appears inside the chart with statistics – You can remove the data you want with the button “Remove from Chart”



4) Once you are ready, click on “Export to Excel” – You can chose the location and name of the file and record it

2	<u>Homogeneity %</u>	39.095881
3	<u>Std Deviation</u>	2314.476182
4	<u>Average</u>	5920
5		
6	7600	
7	6880	
8	3280	
9		
10		
11		

5) Click on “CLOSE” to quit the software