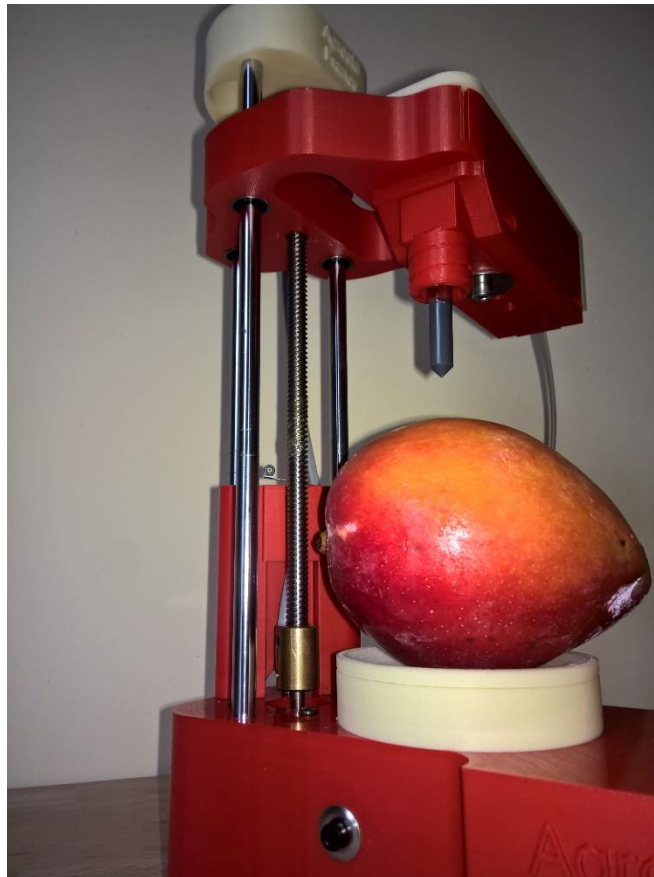


The 3 versions of Agrosta®SIMPLE serie have been designed in September 2018 in order to provide a very accurate solution to measure firmness (maturity) of Avocado, Mango and Apple – It is a motorized machine driven by a computer



Many thanks for having acquired an Agrosta instrument

Your package contains :

- The machine itself
- One table dedicated to the type of fruits you want to test
- One flat table
- 2 Tips dedicated to the type of fruits you want to test
- A power supply & a USB cable
- The software for windows on USB stick
- A certificate of conformity
- A manual

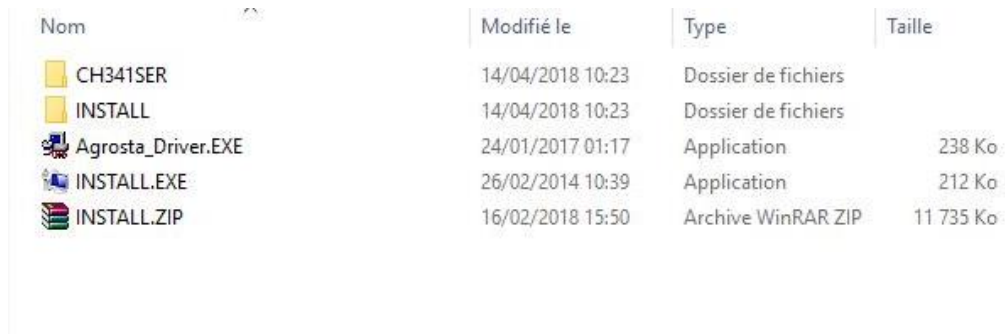
Agrosta®SIMPLE has been designed and produced in France by Agrosta

- The motor is a Nema 17 stepper motor
- There is one Microprocessor board made in Italy, one shield board made in Italy, one motor control board made in Taiwan, one gauge conditioner board made in the USA

MAXIMUM PRESSURE	5 Kg Maximum
AVERAGE ACCURACY	0,2 g
POSITION RANGE	0 to 100 mm
TEMPERATURE MEASURING RANGE	0 to 90 °C
COMPATIBILITY	Windows 2000 XP Vista Windows 7 Windows 8 Windows 10
POSITION ACCURACY	0.03 mm
MADE IN	FRANCE
DATA EXPORT FROM SOFTWARE	Excel, Word, Xml, Jpg
WORKS WITHOUT COMPUTER	NO
GUARANTEE	2 Years full guarantee
STATISTICS	Unlimited data

1/ Install Driver

- Don't connect your machine
- Insert USB stick in your computer



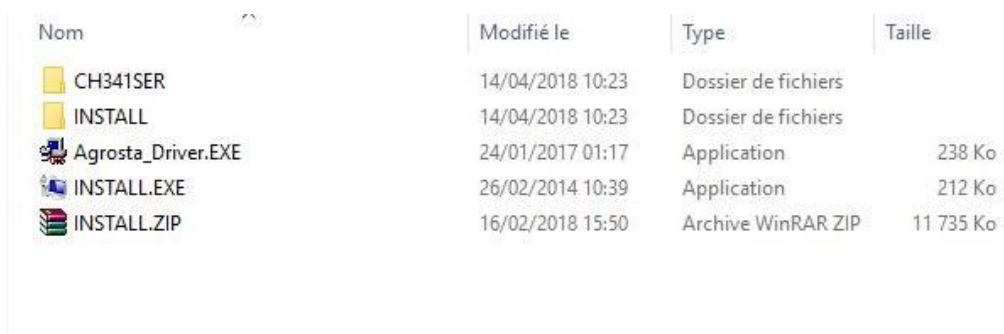
Nom	Modifié le	Type	Taille
CH341SER	14/04/2018 10:23	Dossier de fichiers	
INSTALL	14/04/2018 10:23	Dossier de fichiers	
Agrosta_Driver.EXE	24/01/2017 01:17	Application	238 Ko
INSTALL.EXE	26/02/2014 10:39	Application	212 Ko
INSTALL.ZIP	16/02/2018 15:50	Archive WinRAR ZIP	11 735 Ko

- Double click on "Agrosta_Driver" – Follow setup procedure

2/ Connect Usb cable between instrument and your computer

3/ Wait a few seconds till it is recognized

4/ Install Software from USB Stick



Nom	Modifié le	Type	Taille
CH341SER	14/04/2018 10:23	Dossier de fichiers	
INSTALL	14/04/2018 10:23	Dossier de fichiers	
Agrosta_Driver.EXE	24/01/2017 01:17	Application	238 Ko
INSTALL.EXE	26/02/2014 10:39	Application	212 Ko
INSTALL.ZIP	16/02/2018 15:50	Archive WinRAR ZIP	11 735 Ko

- Double click on "INSTALL.EXE"
- Follow Setup procedure

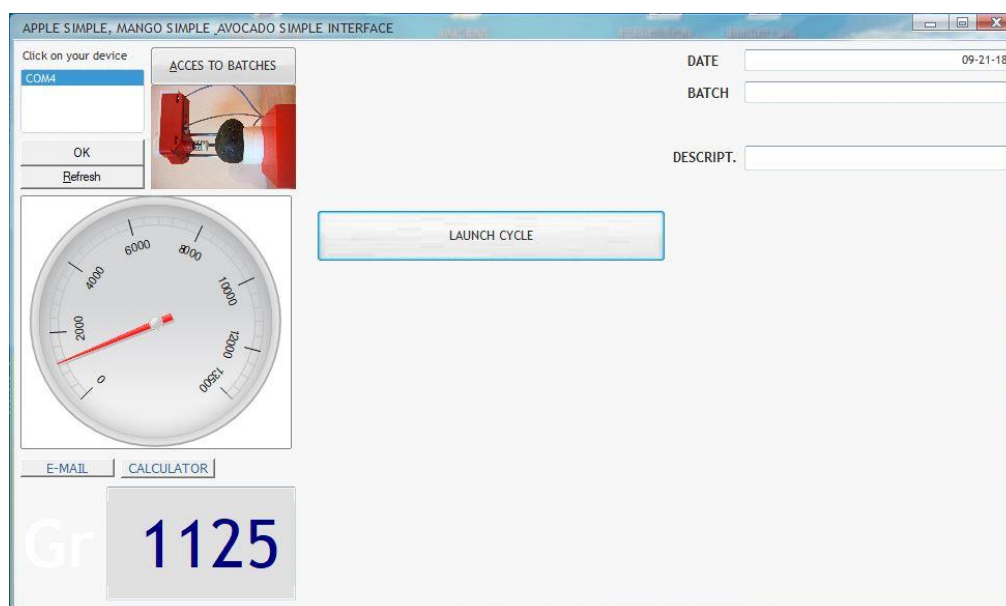
5/ Connect Power Plug

- In case of **EMERGENCY = REMOVE POWER PLUG !**

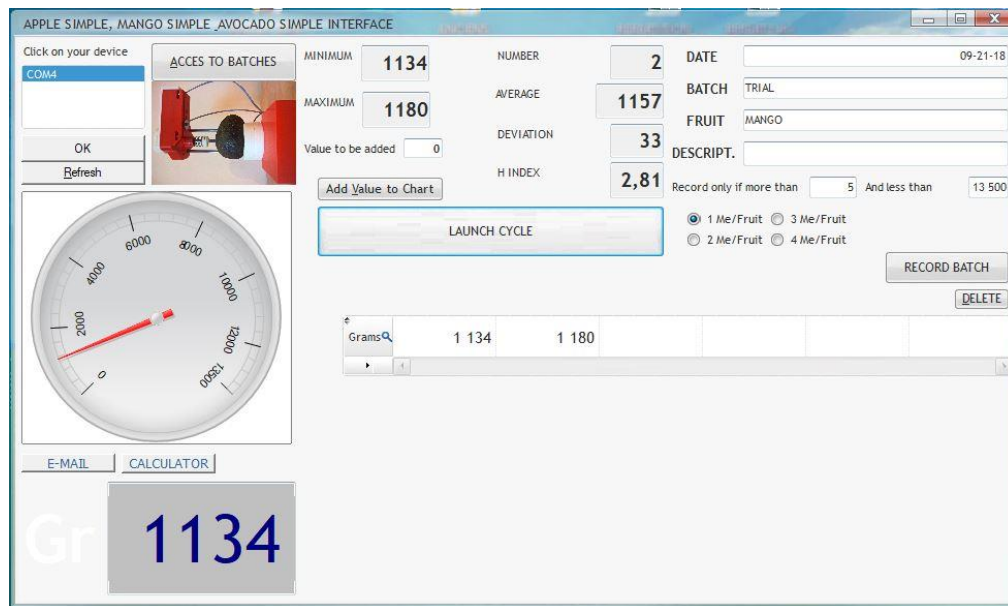
- Launch the software from the desktop of your computer
- On the left side of the screen appears a list of COM ports
- Select the one corresponding to your machine, and click on OK
- If you don't know to which COM does your machine correspond, disconnect the machine, and click on Refresh – The COM that did disappear corresponds to your machine – Then reconnect and refresh again
- Usually, the last COM port corresponds to your machine



Place a fruit on the tray, and press on “LAUNCH CYCLE”



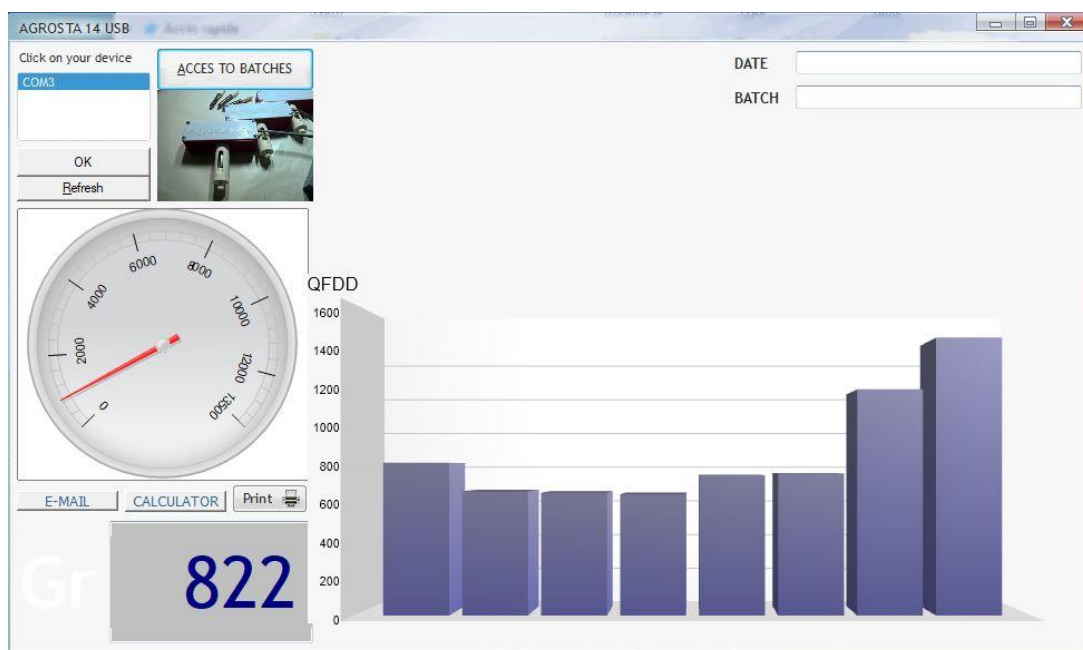
For starting a new batch, enter batch details in the fields BATCH and FRUIT, you can add a description



- Once batch details are entered, click on “START”
- Measure each sample one after each other by pressing on “LAUNCH CYCLE”
- You can choose to make from one till 4 measurements per sample, click on the corresponding parameter
- If you choose more than one measurement per fruit, Only the average of each fruit will be added in the chart

RECORD BATCH

- Click on the button “RECORD BATCH”
- A graph is displayed, as well as the statistics
- You can start a new batch immediately by entering new batch details

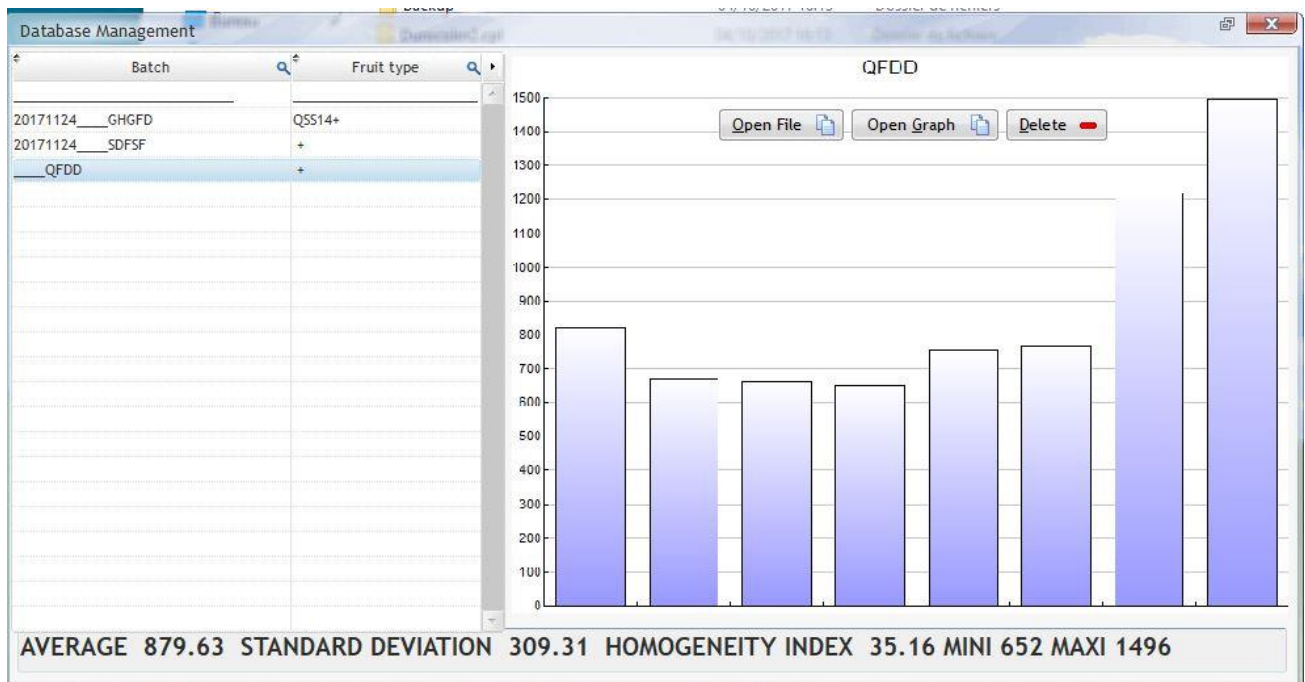


- All data are available under Excel compatible format (.csv) in the following folder :
 - **C:\AGROSTASAVE**
- Graphs & statistics are available in the following folder :
 - **C:\AGROSTA**

CONSULT PREVIOUS BATCHES

Just press the button “ACCESS TO BATCHES” in order to access to previous batches graph and statistics
You can as well delete old batches from this window

Close the consultation window, the main window appears



By clicking on “Open data file”, you can open the .csv file corresponding to your batch.
Excel is launched if it is defined in your computer as default software for the .csv files

If you click on “Open graph”, the drawing software of your computer is launched, and the graph is displayed as a picture.

Maintainance :

- You can remove the spring by turning it for cleaning



- You can unscrew and remove the tip in order to clean it with hot water and soap

