

The Agrosta®SCW version has been designed in 2017, it determines automatically the size, color and weight of any fruit or vegetable placed on its tray (automatic detection)



Many thanks for having acquired an Agrosta instrument

Your package contains :

- The instrument itself
- A Usb stick with the software
- A manual
- A power supply & a USB cable
- A certificate of conformity

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

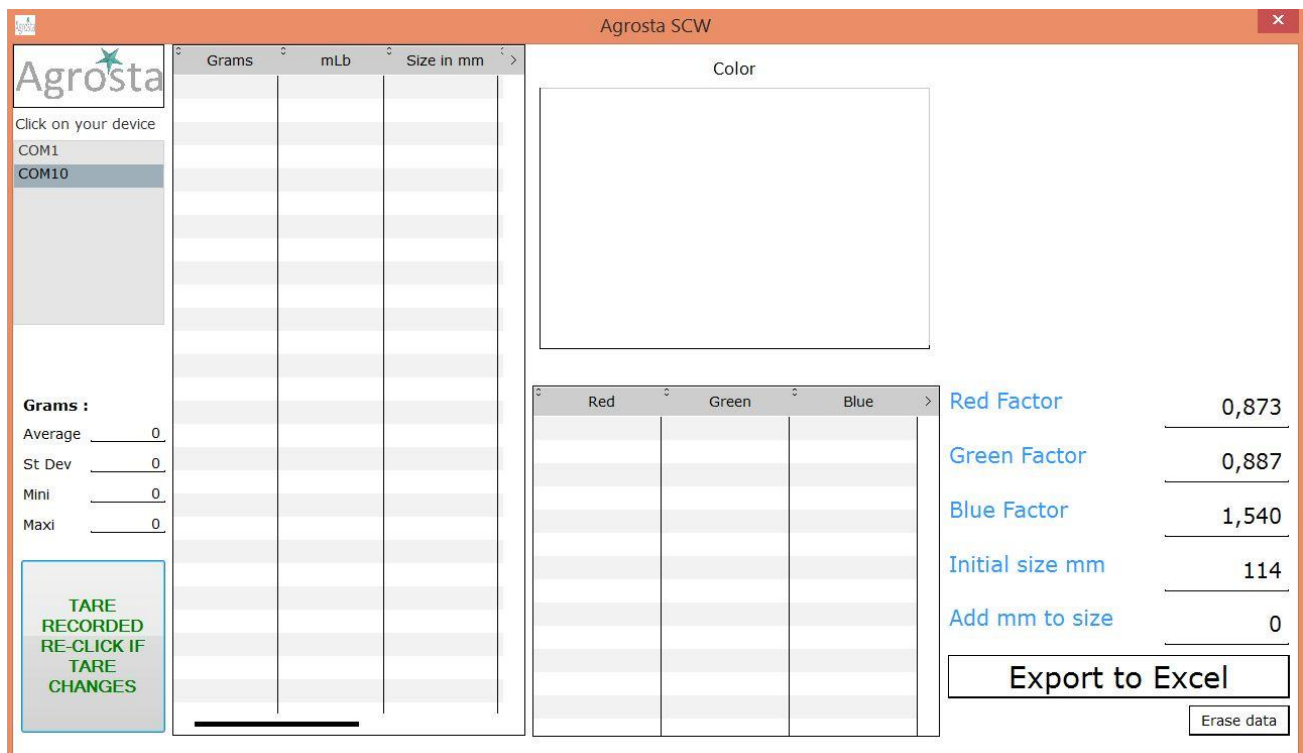
- The motor is a Nema 14 stepper motor
- Precision 0.05 gram, resolution 1 gram
- Threshold pressure : 8 grams (Minimum for detection by machine)
- Maxi grams : 1 Kg
- Software compatible with Windows XP, 7, 8 and 10
- Guarantee 1 year

Starting :

- Install the software on your PC before connecting the device (Use USB metallic stick provided),
- Install the driver (Both Icons are on your desktop, second Icon is driver setup)



- Connect the device with the USB cable
- Connect the power plug
- Wait till the machine is recognized by your computer (Driver launched)
- Launch the software (Star SCW)



Red	Green	Blue

Red Factor	0,873
Green Factor	0,887
Blue Factor	1,540
Initial size mm	114
Add mm to size	0

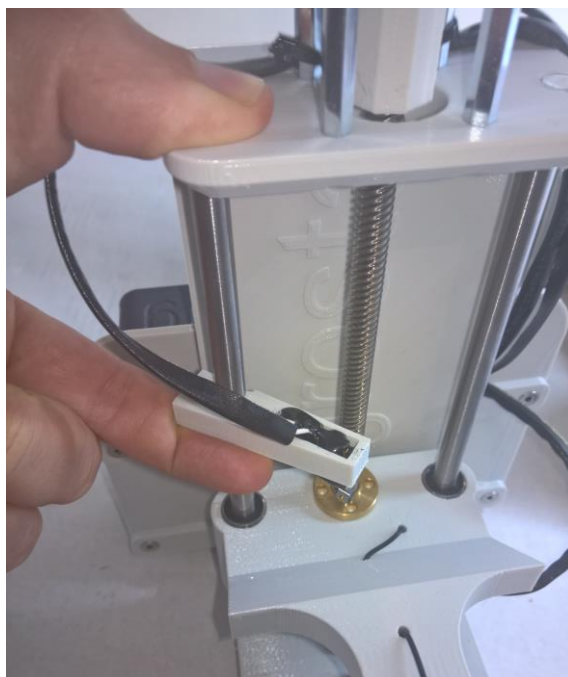
- Click on the COM (Serial port) corresponding to your machine
- Keep the tray of the machine free
- Click on TARE till the button becomes green
- Place a fruit on the tray – The machine starts, and transmits the data to your PC

Adjusting parameters :

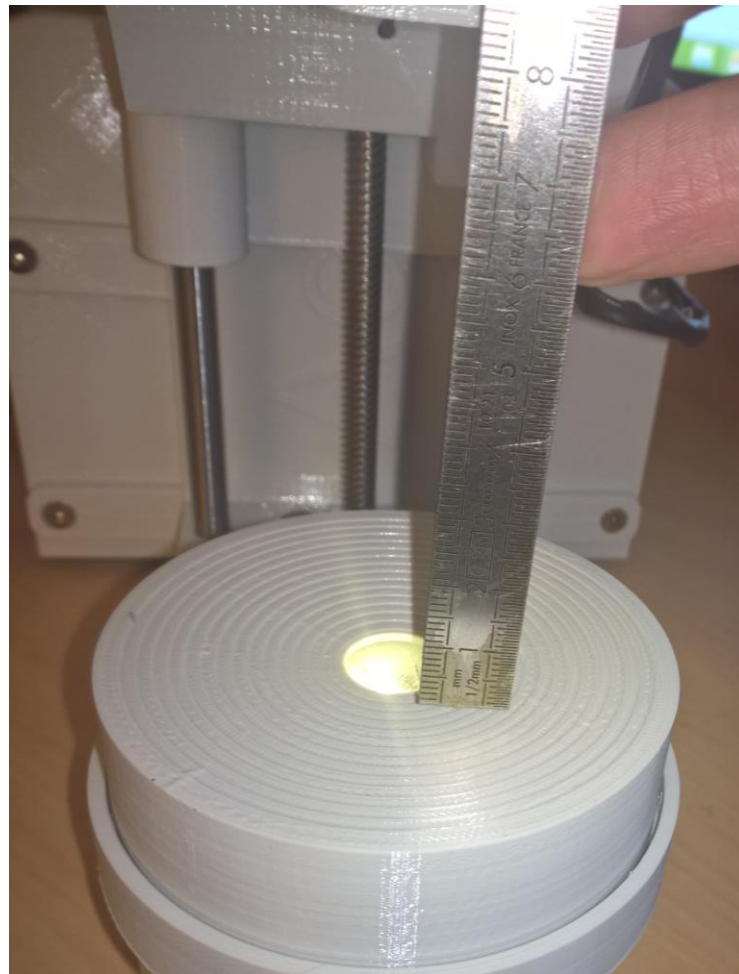
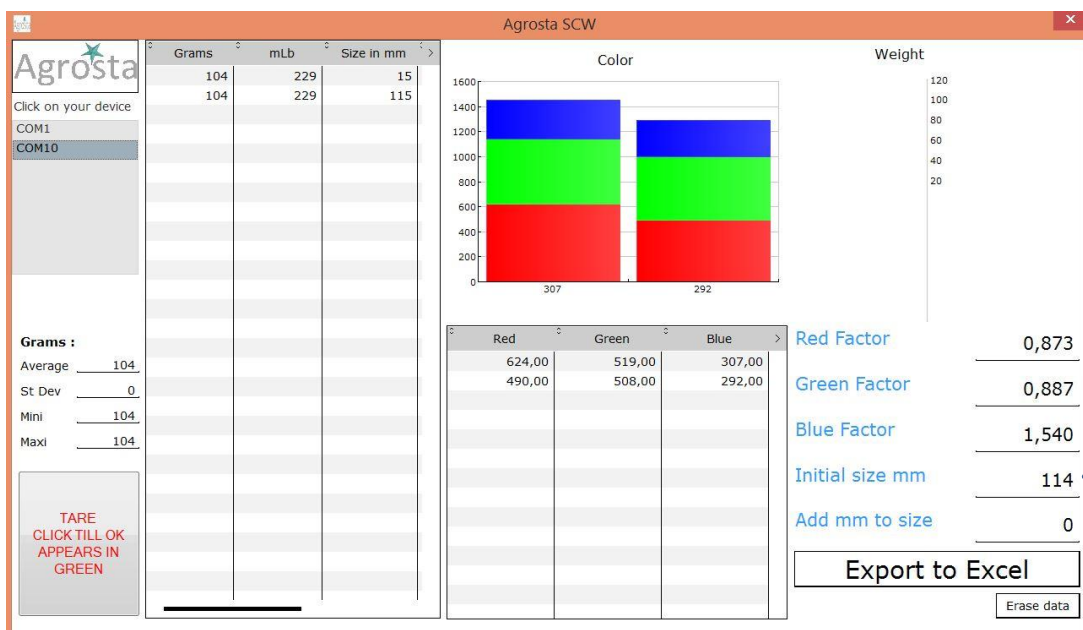
- Put the endstop at the right place (depending on the range of size of the fruits you are going to measure)
- For that, first unplug the machine
- Press on the mobile part with your fingers till it goes down :



- Move the endstop by pressing on it with your finger :



- Measure the distance between the mobile sensor and the balance tray, and enter this value in mm in the software :

Agrosta SCW

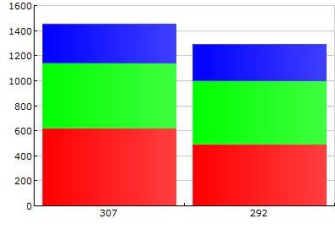
Grams	mLb	Size in mm
104	229	15
104	229	115

Click on your device
COM1
COM10

Grams :
Average 104
St Dev 0
Mini 104
Maxi 104

TARE
CLICK TILL OK
APPEARS IN
GREEN

Color



Red	Green	Blue
624,00	519,00	307,00
490,00	508,00	292,00

Weight

Red Factor 0,873
Green Factor 0,887
Blue Factor 1,540
Initial size mm 114
Add mm to size 0

Export to Excel
Erase data

- You can change the multiplying factors for Red, Green and Blue in order to obtain 250/250/250 for pure white according to standards
- If your fruits are very soft, and deformed by the sensor, you can add 1 or 2 mm to the sizes to compensate fruit deformation in the field "Add mm to size"

Machine blocked (forcing in low position) :

- In this case, touch the sensor with your finger (The copper part, connected to a touch sensor) :



- The machine will go back in home position instantly
- If you prefer, you can unplug the machine, and move the mobile part with your hand

