

Agrosta®Texture Analyser

Version for semi-solids and gels

Agrosta

The Agrosta®Texture Analyser for semi-solids and gels has been designed in 2017 in order to provide a reliable tool for Pharmaceutical and food industry concerning texture measurement. This machine is designed to perform tests like Bloom or Raft Hook, and far more..



Many thanks for having acquired an Agrosta instrument

Your package contains :

- The instrument itself
- 1 Beaker and 1 Table
- Tips according to client's requests
- A power supply & a USB cable
- The software for windows on USB stick
- A certificate of conformity
- A manual

13 RUE DU BASTRINGUE – 76440 SERQUEUX - FRANCE
lak@agrosta.org - www.agro-technology.co.uk – Tel +33 689494340

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

- The motor is a Nema 23 stepper motor
- There are 2 microprocessors, one is measuring and communicating with the PC, the other one is managing the movements and the motor (Both motherboards come from USA)

LOAD RANGE (LOAD CELLS TYPES AVAILABLE)	1 Kg
AVERAGE ACCURACY	0,1 grams
POSITION RANGE	0 to 220 mm
TEMPERATURE MEASURING RANGE	0 to 90 °C
COMPATIBILITY	Windows 2000 XP Vista Windows 7 Windows 8 Windows 10
POSITION ACCURACY	0.03 mm
SPEED	0.1 mm per second to 25 mm per second
SPEED ACCURACY	+/- 0.1% of set speed
CUSTOM DESIGN FIXTURE AND PROBE	YES (3D printing, immediate result)
CUSTOM SOFTWARE	Option
CUSTOM ELECTRONICS	Electronics can be customized Additional features available
OPEN SOURCE	Code provided to pilot the machine Standard Nema 23 motor Standard Arduino boards Low cost spare parts
DESIGN Generation	2017
TEMPERATURE PROBE	No
CALIBRATION	Check using calibrated weight
VARIETY OF BASE PLATES AND PROBES	More than 100
TEST PARAMETERS	10
PRE-CONFIG TEST MODES	According to client 's requests
MADE IN	FRANCE
DATA EXPORT FROM SOFTWARE	Excel, Word, Xml, Jpg
WORKS WITHOUT COMPUTER	NO
GUARANTEE	2 Years full guarantee
STATISTICS	Unlimited data

Starting :

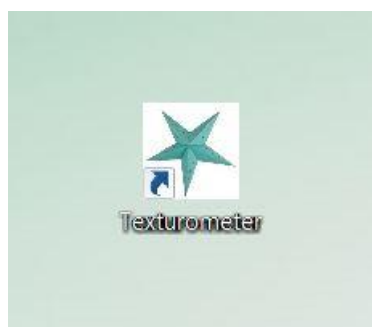
- Insert the USB stick, and double click on "INSTALL.EXE"
- Install the software on your PC before connecting the device, **accept driver setup**
- **Close the software if started after setup**
- Connect the device with the USB cable (only to the PC, not to sector power)



- Wait till it is recognized, and driver configured
- Plug the device to the power (100 to 240 V)

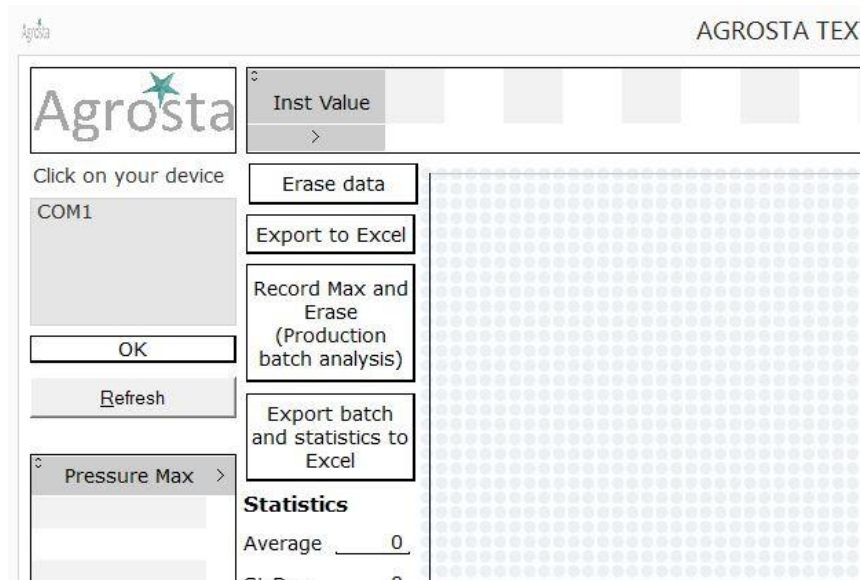


- The machine goes back to Upper HOME position
- You can now start the software



Operating :

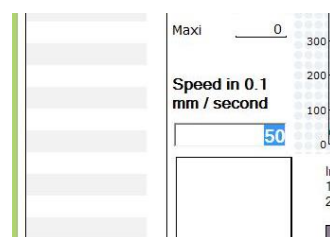
- Select the COM port corresponding to your machine, click on “OK”



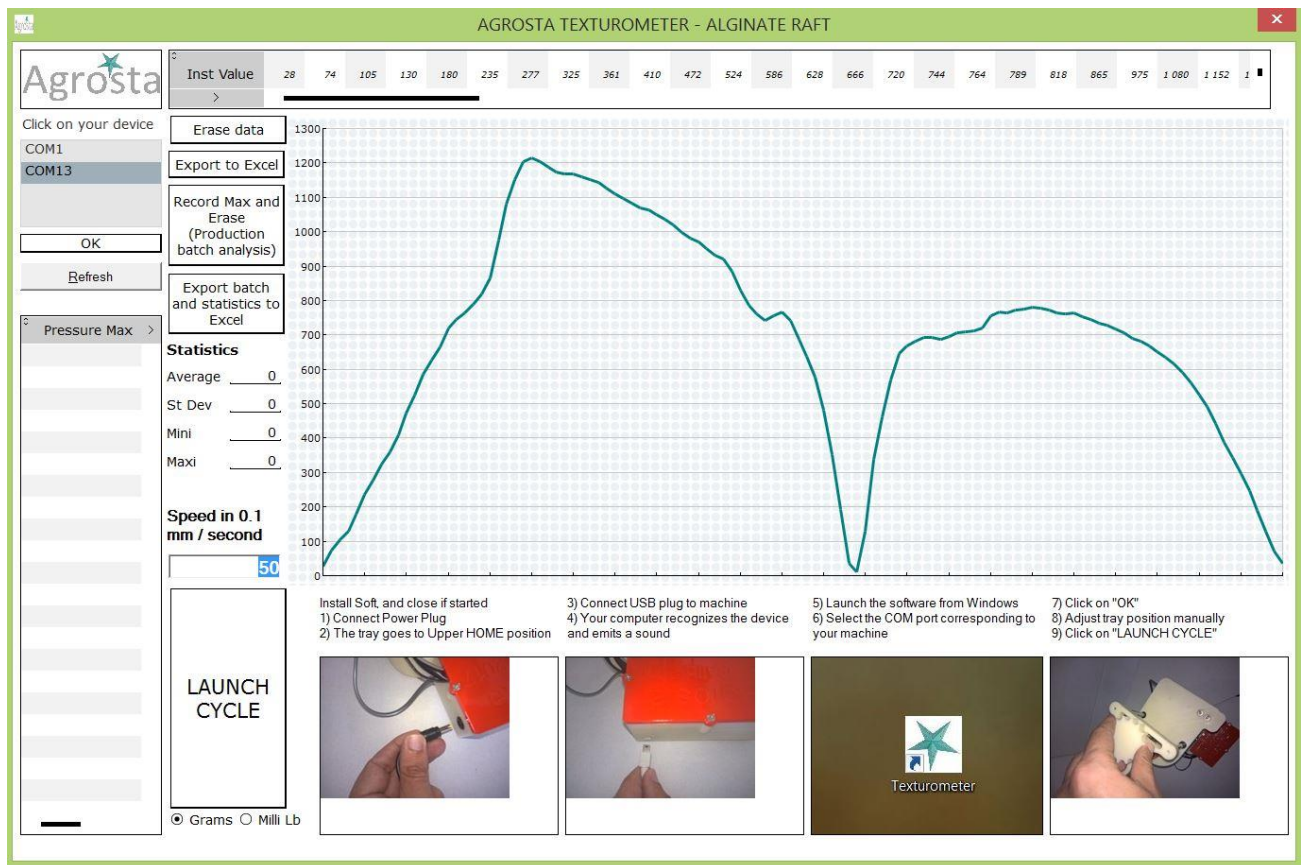
- Place the tray at the operating position using the wheel on top of the machine



- Enter the speed



- Click on “LAUNCH CYCLE”



- If you click on “RECORD MAX”, the curve is erased, and the maximum value is added in the chart on the left side. Statistics are calculated with all the maximums placed in the chart
- Using the **right button of the mouse** on charts or graph will open a menu with graphic options and export options