

NEW ELECTRONIC PENETROMETER

To be connected to a PC

**The AGROSTA®14X measures the firmness of crisp fruits, vegetables,
and varied materials**



Patented – Made in France
Designed and manufactured by AGRO TECHNOLOGIE

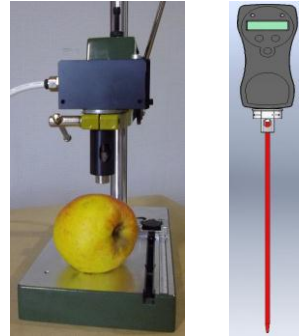
- The AGROSTA®14X electronic penetrometer, with its automatic limitation of depth, measures the firmness of crisp fruits like apples, pears, peaches, avocados, bananas, but also pickles, diced potatoes or beets, meat, packaging and other products with a specific tip adapted for each product.
- The results are displayed automatically on the screen of your computer. The speech function gives you the results in 4 different languages (To be selected in the parameters menu)
- Take your measurements one after each other – You don't need to validate, the AGROSTA®14X detects automatically the maximum pressure during penetration into the fruit, and registers it.

The Standard AGROSTA®14X includes :

- The device itself composed by a small box with Usb connector including the electronic card and the sensor linked to this box by a cable
- Two tips : 8 and 11
- A CD with software compatible for Windows Vista, Windows XP, Windows 7
- A certificate of conformity

Optional equipment :

- A manual stand (recommended for more accurate measurements)
- Special tips like : Pin, Blade, small round tip (Photo on the right : Agrosta®14 with special tip for cheese)



Tip choice :

TIP OF 11 : Diameter 11.11 mm (7/16”) – Surface 0.97 cm²
Adapted for apple

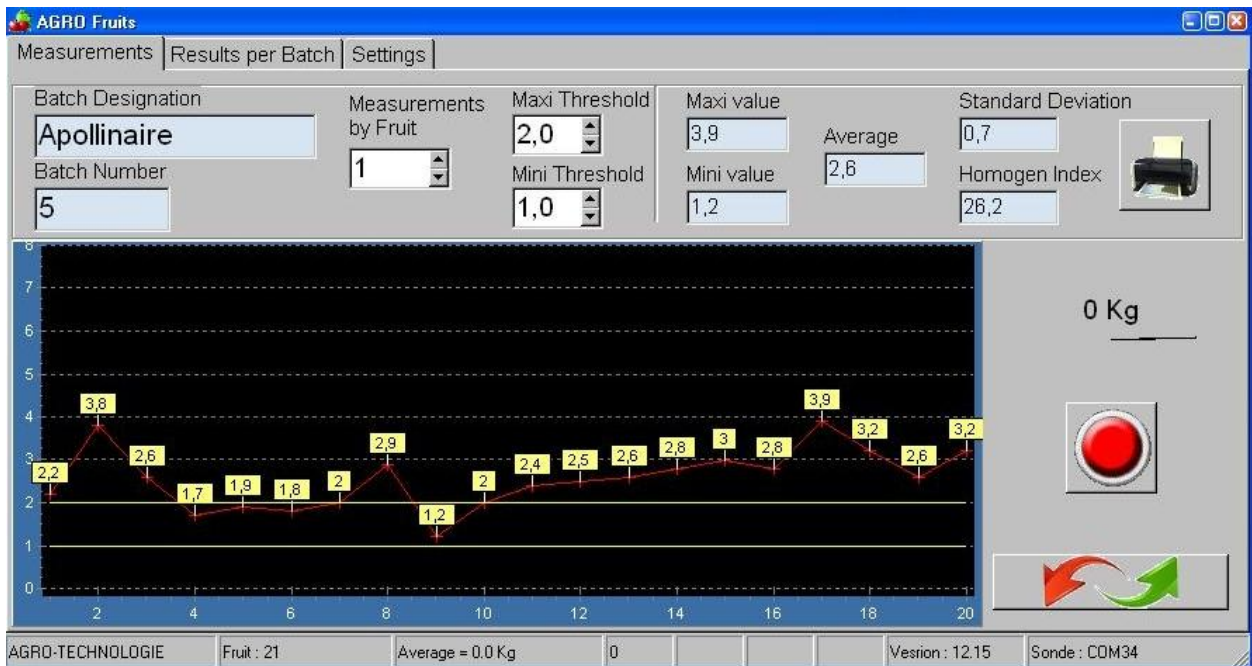
TIP OF 8 : Diameter 7.94 mm (5/16”) – Surface 0.49 cm²
Used on peach, pear, kiwi, melon flesh

SPECIAL TIPS : For cheese, granules, potato cubes, carrots, bananas, avocados...

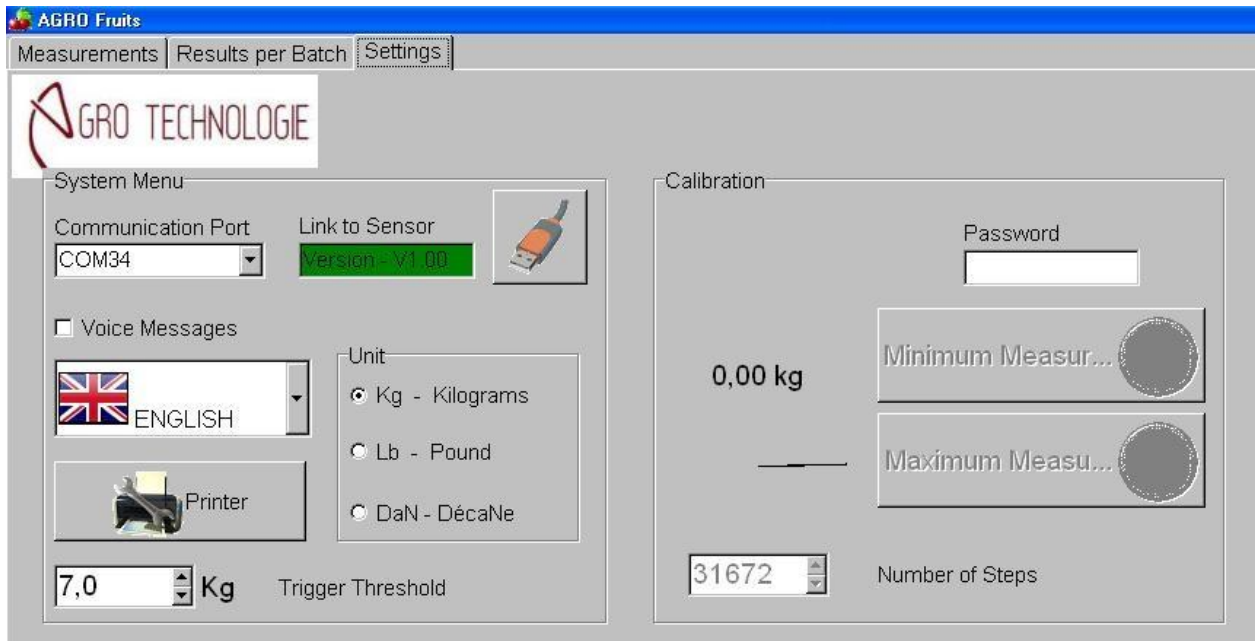
Software :

The software is composed by 3 different chapters : PARAMETERS, MEASUREMENTS and RESULTS

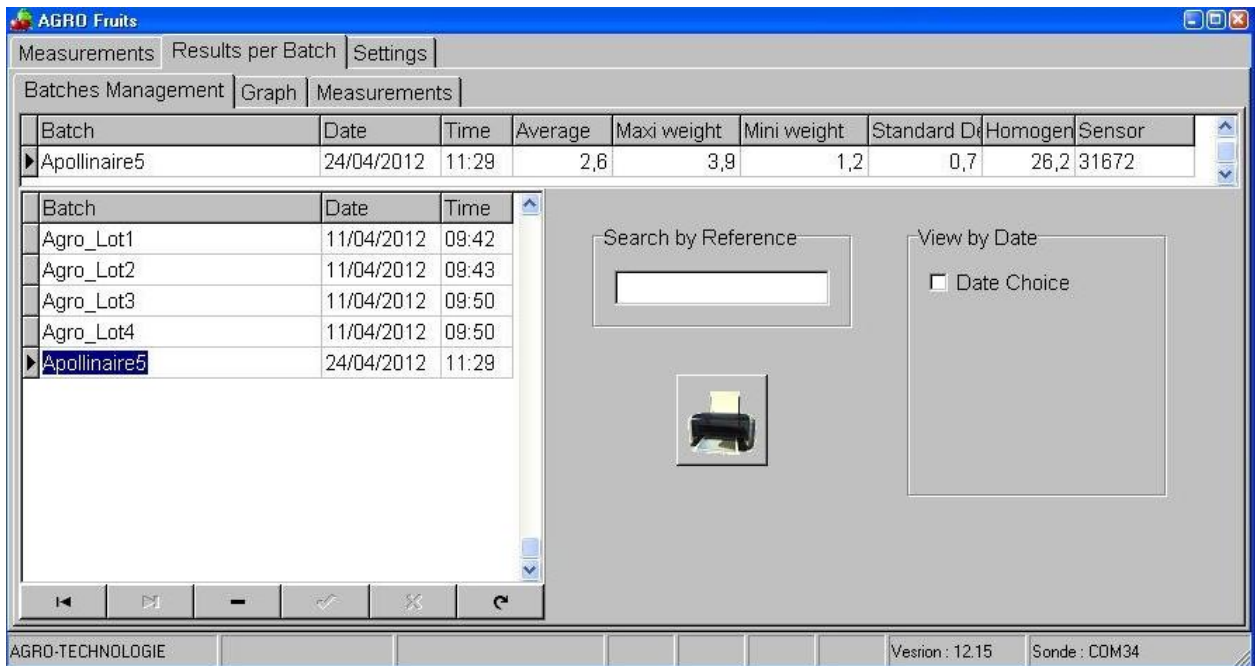
Measurements : Just press the red button in order to start a new batch



Parameters : You can choose between Kg, Lb and DaN



Results : It is a complete database management system with classification of batches, graphics...



AGRO TECHNOLOGIE

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AGRO Fruits

Measurements Results per Batch Settings

Batches Management Graph Measurements

LOT	Date	Heure	Moyenne	Poids Maxi	Poids Mini	Ecart Type	Coeff. Var	Sonde
Apollinaire5	24/04/2012	11:29	2,6	3,9	1,2	0,7	26,2	31672

Measurement 1	Measurement 2	Measurement 3	Measurement 4	Average
2,2				2,2
3,8				3,8
2,6				2,6
1,7				1,7
1,9				1,9
1,8				1,8
2				2
2,9				2,9
1,2				1,2
2				2
2,4				2,4

AGRO-TECHNOLOGIE Version : 12.15 Sonde : COM34



Agrosta®14X is one of the two penetrometers proposed by Agro Technologie – The other one is the Agrosta®14, it is a mobile instrument, adapted for measurements in workshops or in fields – It is embedded with a screen and batteries