



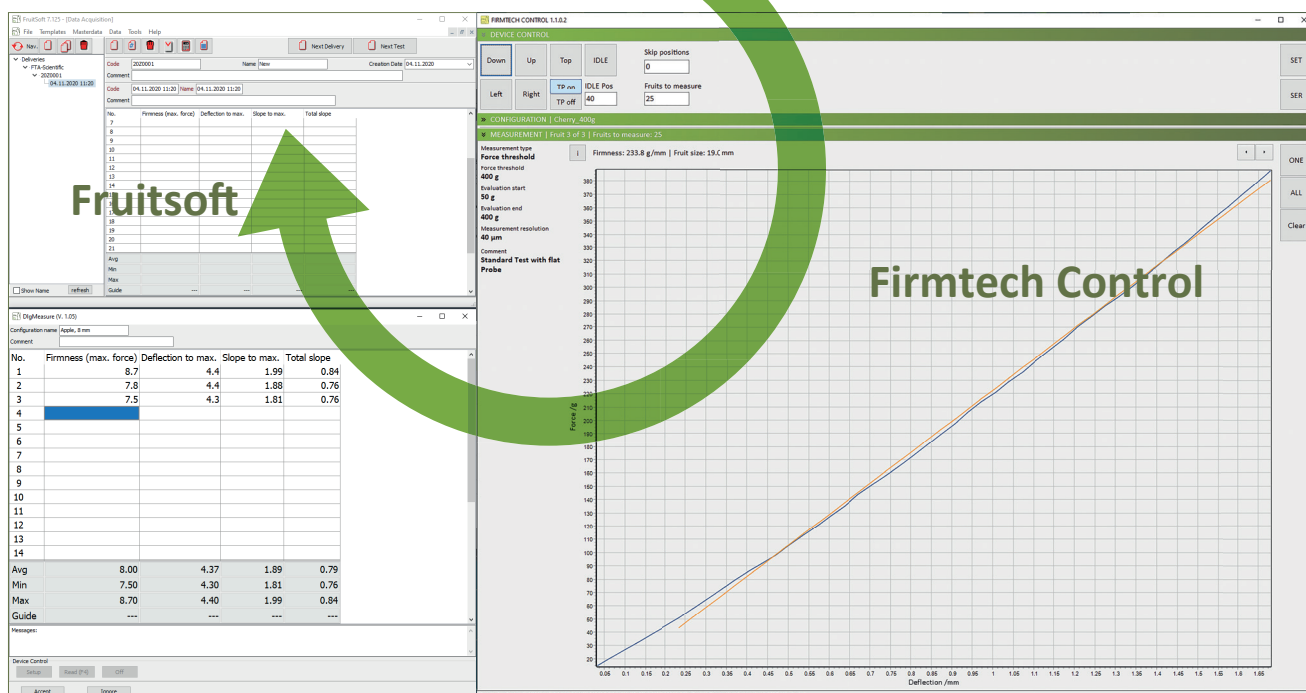
Umweltanalytische
Produkte GmbH

Firmness measurement Firmtech Eleven



measure
visualize
evaluate
savedata

Firmtech Eleven



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Firmtech Eleven plus **Fruitsoft** is an ideal solution for Fruit labs to analyze **firmness** and **size** of all soft fruits like cherries, blueberries, strawberries, plums, grapes, or similar objects.

Firmtech Eleven and **Fruitsoft** is used in fruit labs of

- Storing Companies and Growers Associations
- Fruit Science Institutes
- Breeding programs

FirmtechControl is used to configure your test procedure depending of your point of interest. A standard test is just squeezing the fruits gently as you do with your fingers, when you check a fruit. This test is non destructively.

Standard test with flat probe	
ForceThreshold	configured with Max Force on the fruit
DeflectionThreshold	configured with Max Deflection in the fruit
Relaxation Test	configured with Relaxation Time on the fruit
Penetrometer Test	configured with penetration depth
Puncture Test	to measure skin penetration

FirmtechControl

- Communication via USB to PC, requires OS windows 7, 8, 10, 11
- Automatic data output to Fruitsoft LIMS Software

Firmtech Eleven Technical Details

Load on fruits:	max 5kg
Probe speed:	3-12 mm/s
Max Fruit height:	100 mm
Output:	soft fruit Firmness in g/mm Penetrometer Firmness in g Size in mm
Turnplate:	exchangeable turnplates to adopt different fruit forms and sizes

