

Hardness Tester for Determination of the Fruit Pulp Firmness

Non-Destructive • No need to peel off the fruit

The firmness of fruit pulp is very important for fruit traders. The harvest date of fruit is fixed by help of the measurement of the fruit pulp, regarding the shipment date to different customers' countries, or duration of storage. This test is very reliable and performs easily and non-destructively.

MEASUREMENT PRINCIPLE

You have to do two measurements at the opposite sides of each fruit, e.g. at the sun-side and the shadow-side. The point of measurement should be plain and without any fault on the peel. By help of this instrument, you can see the yielding of the fruit under a certain and constant press power as well as a defined measuring distance. The indicated measured value means no power but a quotient. For this reason it is absolutely important, that you will always note the anvil you have used for the firmness test. The anvil doesn't penetrate the peel of the fruit.

The Suitable Tester for all Kinds of Fruit

An easy change of tracer means an immediate test of different fruit types such as peaches, apricots, plums, cherries, tomatoes, strawberries, apples, and avocados.

Mechanical Tester Fff

The mechanical Firmness Tester Fff is equipped with a trailing pointer. It serves for the determination of the highest measured value during the firmness test.

Digital Fff HPE Fruit Firmness Tester

HPE-FFF is the digital version of our Fruit Firmness Testers with Digital Display, more accuracy and also average function. This model is the upgraded version and one step higher than the HP Mechanical unit.

Microcomputer controlled Tester HHP2001-Fff

- Constant contact pressure of 12,5 N
- No toe-out and toe-in and no bevelled position
- Measuring errors are minimized
- Without power supply can be operated for 8 hours
- Indication of measured values beyond or below the tolerances by a signal sound
- Serial interface V24.RS 232C allows data logging of the measured values to printer or PC
- Standard package includes electronic unit, test stamp, calibration plate, helix cable, charging and power set, case, shoulder bag
- **Dimensions:** 320 X 290 X 115 mm
- **Weight:** 1850 g