

41050

Fruit Penetrometer

Information

The fruit penetrometer, also called fruit hardness tester, is used to measure the hardness of most kind fruits such as apple, pear, strawberry, grape, large/hard fruits, small/soft fruits.

It is suitable for the fruit scientific research department, fruit company, fruit farm, agriculture colleges and universities to improve the fruit quality, the harvest storage, the product transportation by the fruits' hardness.

The fruit penetrometer can optionally be connected to PC by an interface and software to record and save the measurements.

The useful tester to judge fruit's mature degree.

Technical Specifications

Technical data:

- Measure capacity: 20.00 Kg / 44.10 LB / 196.10 Newton
- Resolution: 0.01 Kg / 0.01 LB / 0.05 Newton
- Accuracy: $\pm (0.5 \% + 2 \text{ digits})$, within $23 \pm 5^{\circ}\text{C}$
- Tip size: 3 mm, 5 mm, 8 mm, 11 mm
- Display: large LCD display with back light
- Function: Tension & Compression (Push & Pull), Zero. Normal force, Peak hold (Max. load)
- Power supply: 6 \times 1.5 V AA (UM-3)
- Dimension: 215 \times 90 \times 45 mm
- Weight: 650 g

Delivery contents:

- Digital fruit hardness tester
- 4 tips (depending on the fruit, 3 mm, 6 mm, 8 mm und 11 mm)
- 6 \times 1.5 V batteries
- Manual
- Plastic carrying case

Optional:

- Tripod

- USB Interface
- Software

Item-no.: 41050 – Digital fruit hardness tester

Item-no.: 41051 – Tripod

Item-no.: 41052 – Software for PC

Item-no.: 41053 – USB Interface cable