



53208

Olive push and pull tester

olive pulp hardness tester

fruit firmness

pulp hardness

handheld

analog

destructive



TR Turoni s.r.l.

Via Copernico, 26 - 47122 Forlì (Italy)

Tel. +39 0543 724848

info@trturoni.com - www.trturoni.com

53208

Olive push and pull tester

olive pulp hardness tester

DESCRIPTION

The instrument provides a valid index for the determination of the hardness of the pulp (working in pressure) and for measuring the strength needed for detaching the fruit from the branch (working in traction).

SPECS

Capacity: 0-1 kg / 0.2 lb

Division: 10 g / 0.02 lb

Accuracy: $\pm 1\%$ full scale

Instrument weight: about 100 g / 3.5 oz

Size (without accessories): 111 x 59 x 24 mm / 4.4 x 2.3 x 0.9 inch

Accessories: n°5 plungers diameter 1-1,5-2-2,5-3 mm + n°1 hook

MEASUREMENT IN PENETRATION (use as a penetrometer - use the plunger)

- 1) press the reset button
- 2) hand the meter between thumb and forefinger of the right hand
- 3) place the tip in the olive pulp at the equatorial level
- 4) press until it gradually penetrate into the flesh of the fruit (the tip should enter the pulp gradually and not abruptly, elsewhere it may cause a measurement error)
- 5) it is recommended to perform the measurement of ten/twenty fruits and calculate the average)

Spare parts included: 8 mm (5/16") and 11 mm (7/16") stainless steel plunger tips, protection (splash) plate, fruit peeler, manual, use recommendations, and carrying case.

To avoid possible personal errors of measurement, you should place the left hand with the fruit to a wall or the ground, and while the right arm remains rigid push the penetrometer.

The average value of the various readings represents the average hardness of the fruits of the lot and it's possible to determine whether the harvest is to be performed or delayed.

MEASUREMENT IN TRACTION (use the hook)

- 1) press the reset button
- 2) set the hook before the fruit and pull in a progressive way (movement until the detachment to be done in about 3 seconds)
- 3) it is recommended to perform the measurement of ten/twenty fruits and calculate the average

IMPORTANT

- The instrument is calibrated for use in Horizontal position