



53215 BE

# Berries durometer

the non-invasive firmness tester

pulp firmness

non-invasive

blueberries

cherries

avocados

small fruits



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### DESCRIPTION

The hardness tester is used for the hardness determination of fruit and vegetables. Hardness tests can be done in a vertical or horizontal position and on places which are difficult to reach.

The main characteristic of the instrument is that it is non-destructive for the product, therefore we have these advantages:

- the various levels of maturation of a determined fruit can be followed directly on the plant, during the whole growing cycle
- measurements can be carried out on the products, where the classic fruit pressure tester, a destructive instrument, does not give acceptable results.

### SPECS

Technical Data:

Range: 10-90 Shore

Resolution: 0.1 Shore

Display: 4 digits, 10 mm

Tip: spherical diameter 2,38 mm

On request: software for data transfer to PC (ref. 53215 SW)

The use of the instrument is very simple: once taken the instrument, place the plunger against the fruit and progressively press until the fruit is completely against the grey basement of the plunger.

For a more meaningful control it is necessary to take various samples of fruit. For each fruit, two measurements must be carried out on the opposite points of the fruit. The determined value, average of the two measurements, is expressed in Shore degrees, the range of reference for the hardness of a material.

