



## 53215 Hardness tester (no destructive)

This tester is used for the hardness determination of fruit and vegetables, the tests can be done in a vertical and horizontal position. The hardness is a very important index in the quality control.

The main characteristic of the instrument is that it is not 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's cycle
- measurements can be carried out on the products where the classic fruit pressure tester, destructive instrument, do not give acceptable results.

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. On each fruit must be carried out two measurements on the opposite points of fruit. The determined value, average of the two measurements, is expressed in Shore degrees, range of reference for the hardness of a material.

### **Technical Data :**

Display: 4 digits, 10 mm

Range: 10 – 90 Shore

Resolution: 0.1 Shore