

BAREISS FRUIT TESTERS – SHORE METERS



For the determination of fruit firmness.



HPE 2 – FFF Digital

The electronic manual digital hardness tester serves for the hardness determination of fruit within the ranges of SHORE.

The patented pressing mechanism, which is integrated in the BAREISS HPE, ensures a constant contact pressure according to standard, without measuring errors by tilting or slope contact. The electronics is in a robust aluminium housing. The operation is made by a clearly arranged keyboard with a well readable display. By two keys the instrument is switched on and off and the measuring time is adjusted from zero to 99 secs. A flashing reading indicates optically the current measurement; an acoustic signal sounds after it has run down. The measured value is frozen on the display until the next measurement. The measured value is sent over the RS232-Serial Interface with 9-pin PC cable.

An easily exchangeable battery with an operation period of more than 2000 hours serves for the power supply. A durable case, a PC cable and the detailed operating instructions belong to the standard volume of supply.

Measuring faults are excluded

A spring, which is integrated in the tester produces a constant pressure according to standards. Measuring faults because of an inconstant contact pressure are excluded. After the measuring time has run down, an optical and acoustical signal is sent. The measured value is frozen at the display. As soon as the next measurement is started, the last measured value is erased. If there is no measurement for a long period, the instrument switches to a Stand-By mode.



Test Anvil 0.10cm² for peaches, apricots and plums

Test Anvil 0.25cm² for tomatoes and cherries

Test Anvil 0.50cm² for strawberries

Test Anvil Ball Ø 5mm for apples and avocados

Test Anvil Ball Ø 2.5mm for carrots, cucumbers, radish, kohlrabi