



53225 FRUIT FIRM

the non-destructive firmness tester

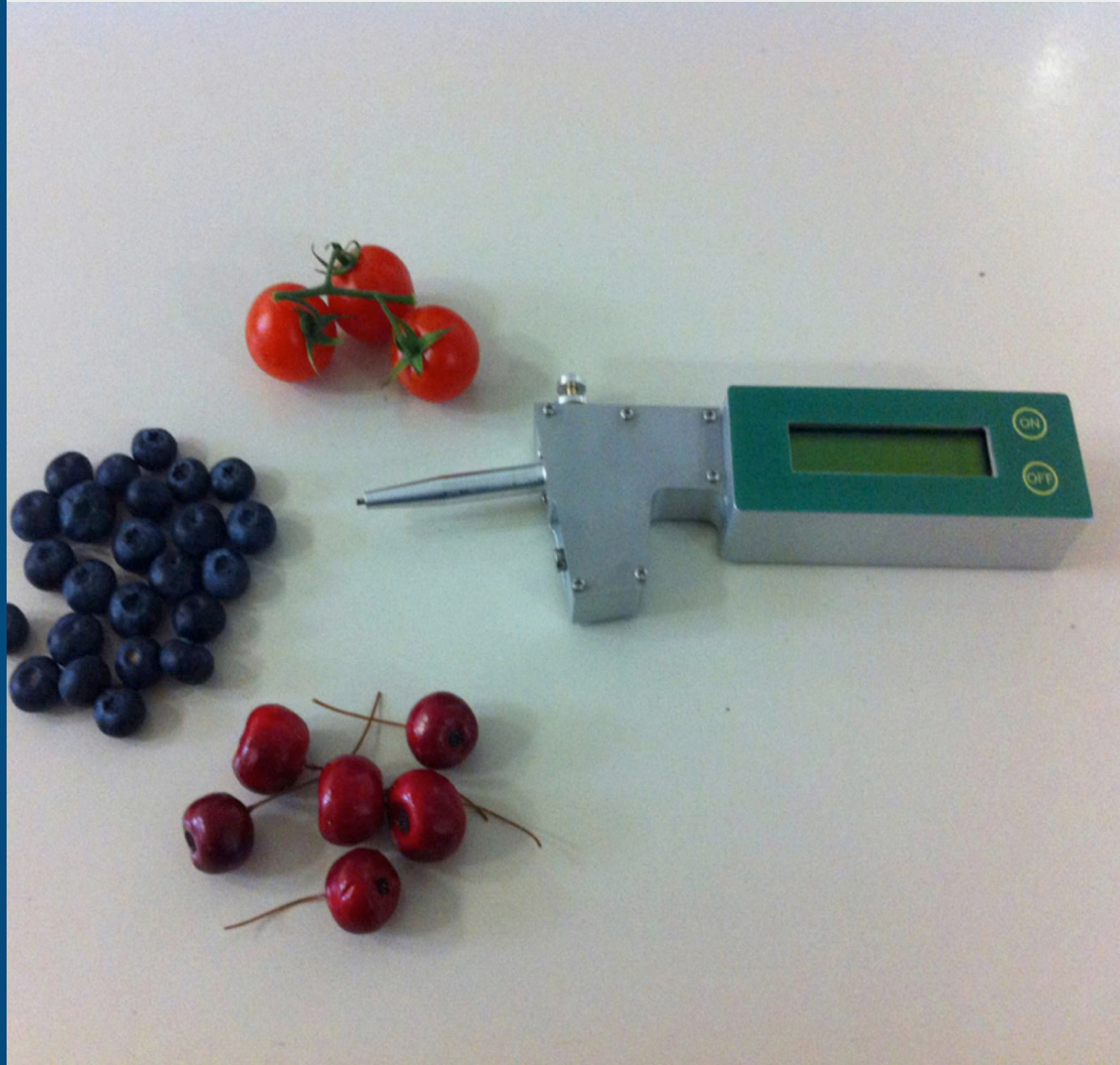
firmness tester

non-destructive

blueberries

cherries

tomatoes



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FRUIT FIRM

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DESCRIPTION

Fruitfirm, is a small, hand-held, self-contained device for non-destructive firmness testing of kiwifruit and other produce. FruitFirm allows firmness to be monitored throughout the supply chain. It is robust and simple to use. FruitFirm can be configured to test ripeness and maturity of a range of fruits - tomatoes, stonefruits, pears and olives. FruitFirm was developed in New Zealand as a research tool.

SPECS

FruitFirm satisfies the need for a QC device that can rapidly and easily quantify firmness, non-destructively. FruitFirm works by measuring the deceleration of a tiny hammer that impacts the surface of a fruit via a small non-bruising and non-penetrating tip. An in-built processor records the resulting collision, analyses the waveform and displays a value on a digital display. The data displayed may give individual readings or some degree of fruit or sample averaging. Alternatively, the sensor output can be connected to a data acquisition/analysis programme enabling easy logging, downloading and more detailed analysis of data.

SPECIFICATIONS

Display: digital

Range: 0 – 100 Units / Resolution: 1 Unit

Accuracy: +/-5 but normally +/-3

Power supply: internal battery / Operating conditions: 0-50°C / less than 90% humidity

Automatic power off



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