

INTRODUCTION

Fruit hardness is the universally accepted measure of fruit ripeness. The fruit penetrometer accurately measures fruit hardness by measuring the force required to push a plunger tip (of a certain size) into fruit and vegetables.

The Penetrometer is ideal for testing a wide range of fruits and vegetables. The force measurement provides the necessary information for growers to determine the best picking time, and to monitor fruit ripening and softening during storage.

Naturally, different fruits and vegetables will vary: varieties, geographical location and climate will all affect the appropriate firmness for picking a particular fruit. Recommended measurements are used as a guide, the growers using their experience and expertise to establish the precise firmness value applicable to their particular variety and environment.



FEATURES

- Handheld Analog Meter
- Easy to read scale
- On-site measurement
- Determine fruit quality during harvest, shipping, receiving, processing, storage.
- Light-weight, portable
- Data Hold Function
- Plunger tip marked for accurate penetration depth

TECHNICAL SPECIFICATIONS

Measuring Range: 2 - 15 Kg/cm² ($\times 10^5$ Pa)

Resolution / Display: ± 0.1 Kg/cm²

Accuracy: $\pm 0.1\%$

Plunger Diameter: 3.5mm

Insertion Depth: 10mm

Dimensions: 115mm x 52mm x 22mm

Application: Bananas, Berries, Cherries, Grapes

Display: Analog