



Fruit Penetrometer

Fruit ripeness testing

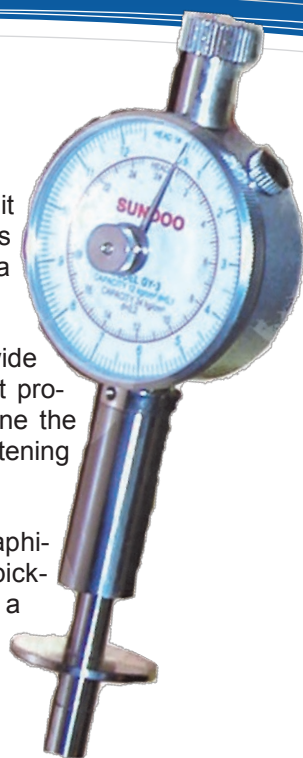


The perfect time to pick...

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 GY series of Penetrometers are 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.



Related Product:

TMS Pro—Food Texture Analysis

Texture analysis using the TMS-Pro System makes possible precise, objective, and repeatable measurements of the texture of food products.

Textural parameters such as firmness, stickiness, and hardness are established numerically and graphically for ease of communication and comparison to product specifications.

These characteristics are determined by measuring the resistive and reactive forces of product samples during the application of controlled stresses such as compression, shearing, extrusion, puncture, bending, or other deformations

FRUIT	GY-1	GY-2	GY-3	GY-3*
Apples				✓
Tomato		✓		
Avocado (& other hard fruits)			✓	
Banana	✓			
Peach, Apricot, Plum		✓		
Citrus, Melon, Persimmon		✓		
Berries, Cherries, Grapes	✓			
Pear, Nectarine, Kiwi			✓	

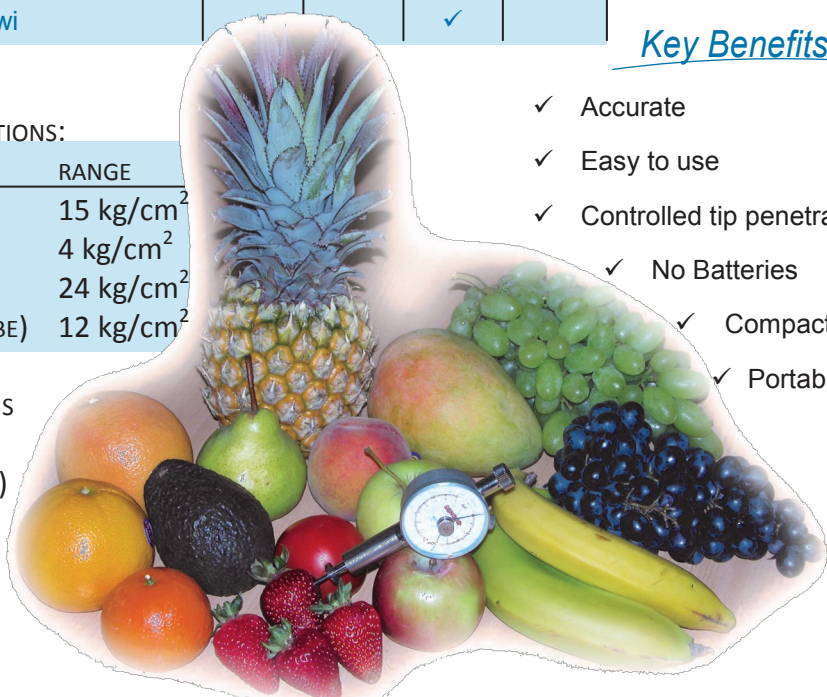
SPECIFICATIONS:

MODEL	RANGE
GY-1 (3MM PROBE)	15 kg/cm ²
GY-2 (3MM PROBE)	4 kg/cm ²
GY-3 (8MM PROBE)	24 kg/cm ²
GY-3* (11MM PROBE)	12 kg/cm ²

* THE GY-3 MODEL IS SUPPLIED WITH TWO PROBES (8 & 11MM)

Key Benefits

- ✓ Accurate
- ✓ Easy to use
- ✓ Controlled tip penetration
- ✓ No Batteries
- ✓ Compact
- ✓ Portable



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