



Handheld Fruit and Vegetable Ripeness/Hardness Tester

HFH80 Series



The HFH80 Series Ripeness/Hardness Tester is a handheld compact penetrometer for fruit firmness and some vegetable hardness testing, the universally accepted measure of ripeness. This tester is the growers' indispensable tool for knowing when to pick and ship. The HFH80 Series fruit tester measures the force required to push a plunger tip of specified size into the fruit pulp. The force reading assists in determining the appropriate picking time or monitoring fruit softening during storage. Because of the number of fruit and vegetable varieties, geographical locations and other variations, the appropriate firmness for harvesting will vary. User must combine experience and expertise to establish the firmness value that applies to their specific variety and locale.

Specifications

Operating Conditions

Temperature: 0 to 45°C (32 to 113°F)

Humidity: Below 90% RH

Dimensions: 204 H x 62 W x 33 mm D (8.0 x 2.4 x 1.3")

Weight: 230 g (8.1 oz) (not including batteries)

Display: 4-digits, 10 mm (0.4") LCD

Ranges:

HFH81: 0.2 to 5.0 kgf/cm², tip size 3.5 mm (0.14")

HFH83: 0.2 to 11.0 kgf/cm², tip size 11.1 mm (0.4")
0.4 to 22.0 kgf/cm², tip size 7.9 mm (0.3")

Resolution:

0.01 if reading <10

0.1 if 10 <reading <99.9

1 if reading >100

Unit Conversion:

kgf (kgf/cm²)

lbf (lbf/cm²)

N (N/cm²)

Pa

Accuracy: ±(1%H+0.1)

kgf/cm²

Power Supply:

4 x 1.5V "AAA"
batteries (included)



HFH81, fruit hardness tester.

To Order Visit omega.com/hfh80 for Pricing and Details

Model No.	Description
HFH81	Fruit hardness tester, small fruits, soft fruits
HFH83	Fruit hardness tester, large fruits, firm/hard fruits
MN1500-4	Replacement "AAA" batteries (4)

Comes complete with digital meter, plunger tips, (4) 1.5V "AAA" batteries, operator's manual, and carrying case. Communication cable and software comes with HFH83 only.

Ordering Example: HFH81, fruit hardness tester for small fruits.