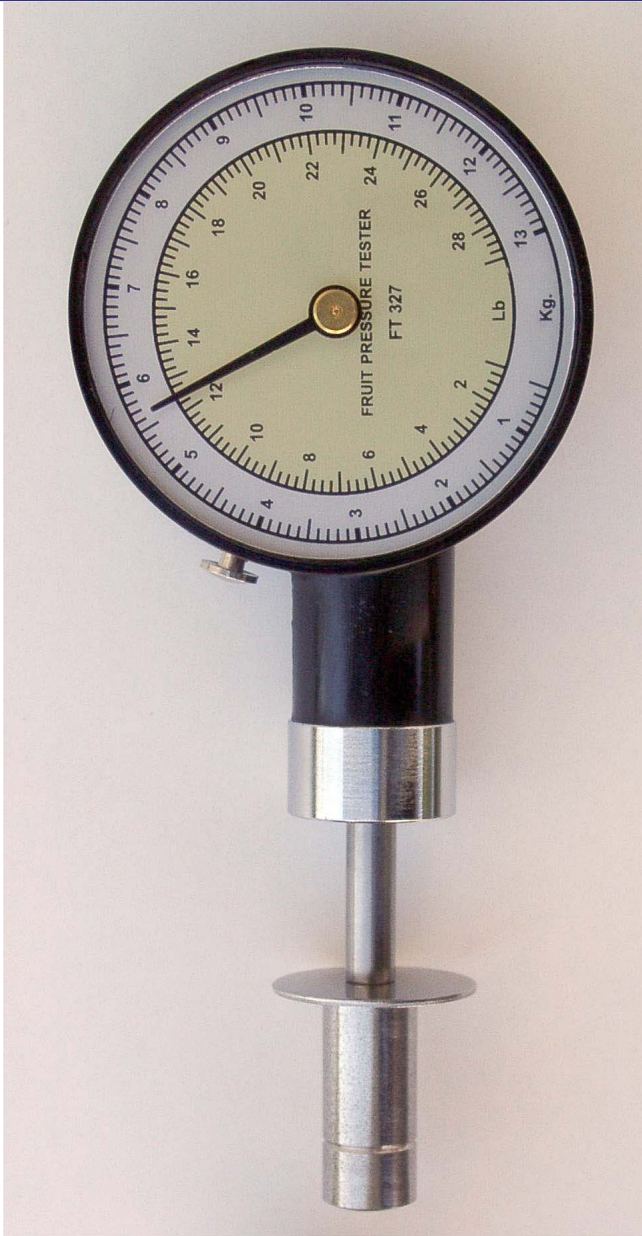


FT

Fruit Pressure Tester



This small and very manageable tool is perfectly fit to detect proper picking maturity and control fruit softening during cold storage. Fruit firmness is the universally accepted measure of ripeness and the FT Fruit-Tester is the world wide recognized tester.

The FT Fruit-Tester measures the penetration and squashing of fruit pulp using a tip of 1 cm square (7/16" ; 11mm diam) or 1/2 cm square (5/16" ; 8 mm diam) giving one of the most attendible test available, such pressure is measured in pounds and Kilograms

In divising this FT Fruit-Tester our firm (formerly known as EFFEGI) has based the project on the research made by Magnus-Taylor and asked the cooperation and advices of the University of Milan.

Minimum size, peak force hold, direct control of correctness, hand held or drill press mounted use, double set of readings (Kg. and lb.) on the dial, button commanded indicator and extreme accuracy of execution make it one of the most practical and accurate Fruit-Testers available



MODELS CAPACITY / GRADUATION

FT 444	20 Kg x 200 grams	44 lb x 0.5 lb
FT 327	13 Kg x 100 grams	29 lb x 0.25 lb
FT 011	5 Kg x 50 grams	11 lb x 1/8 lb
FT 02	1 Kg x 10 grams	2 lb x 1/16 lb

FT

This instrument was designed to test pome and stone fruits, but its range of available models could easily be used to test all kind of fruits, from soft to hard ones (ie : cherries, plums, apples, pears, kiwi, avocados, melons, citrus and others).

Force reading indicates the appropriate picking time; we suggest to begin approximately 10-15 days prior to normal picking time and periodically continue them until precise harvest time arrives.

The FT Fruit-Tester accuracy is +/- 1% over 2.000 grams and +/- 2% thru 2000 grams. It is calibrated from us with certified test weights (F1 class). Do not attempt to recalibrate the instrument if found to be inaccurate. It is sealed and any attempt to adjust it may damage the gage. Contact us for any problem

DIMENSIONS :

Instrument (l x w x h) millimeters :
112 x 59 x 24 (inches : 4.4 x 2.3 x 0.9)
Case : 146 x 74 x 33

WEIGHT :

Instrument : 106(*) grams
With case and accessories (shipping weight) : 250 grams

(*) : with 11 mm diam tip and splash plate mounted, ready to be used

All the accessories and the external part of the FT Fruit-Tester are in stainless material (: nylon, stainless steel, nickel plated steel, chrome plated brass) to avoid fruit juice problems

Standard Accessories :

TIP - 11 mm (7/16") diameter (1 square centimeter)
TIP - 8 mm (5/16") " (1/2 sq cm)
Fruit Peeler
Splash plate
Operation Manual

Use of the FT Fruit-Tester below the 25% of full scale may produce inaccurate results, in this case another model with lower capacity is suggested. There is no "zero" on the FT Fruit-Tester dial as it starts at approximately 10% of full scale.

Because of the number of fruit and vegetable varieties, geographical locations and other variations, the appropriate firmness for harvesting, shipping and receiving will vary. Therefore users of the FT Fruit-Tester must combine experience and expertise to establish the firmness value that applies to their variety and location.



FACCHINI srl

Via Reale , 63
48011 ALFONSINE (Ra)
ITALY

www.facchinisrl.eu
info@facchinisrl.eu

Fax : ++39-0544-239960
Tel : 0544-80190

For a full review of this Fruit Tester read the article "COMPARISON OF POME FRUIT FIRMNESS TESTING INSTRUMENTS" from Washington State University dated Sept 2001 located at :

<http://postharvest.tfrec.wsu.edu/EMK2001C.pdf> or in our web site : www.facchinisrl.eu