

Portable Tenderometer

Food Texture Measurement System

Measure pea crop maturity in the field with accuracy & ease

Designed exclusively for peas, the Food Technology Corporation (FTC) Model TU-12 Tenderometer is a portable and economical field alternative for determining maturity in fresh peas. FTC systems have proven to be the most dependable, accurate, and trouble-free system ever created for grading pea quality.



Features

Easy-to-use

Simply load the sample and press “Start”. The system provides an easy-to-read digital display directly in traditional Tenderometer units, giving instant indication of maturity.

Standard features

Every unit comes with the “Auto Cycle” one-button operation, the industry standard CS-1-TU Test Cell, FTA-TU Force Transducer and the computerized TG4-E Texture gage. The TU-12 will operate from a 12-volt power source, such as an automotive battery. The tripod legs fully collapse for ease in transport and are adjustable for operation on the back of a pickup or free standing on the ground. A hard mount kit is also available.

Durable, rugged and reliable

Designed to withstand harsh field use with a minimum of maintenance, the TU-12 is easy to operate and requires almost no training. FTC Tenderometer systems have been in continuous operation in production environments for more than 40 years.

Profit and savings

Processors worldwide use FTC Tenderometers to determine harvesting dates, “Buy on Grade,” and position harvesters for the most effective crop yield. With profits at stake, a point or two off that standard can be very costly. Accurate readings can save thousands of dollars a day for a medium to large operation, and quickly pay back the initial investment. FTC offers a yearly calibration service to maintain accuracy.

Specifications

Readout	0 - 160 Tenderometer Units
Weight	35lbs
Power	12V DC Battery
Dimensions	10” (L) x 10” (W) x 37” (H)
Duty	Non-continuous 70%

Supplied with:

TP-12 texture press
FTA-TU loadcell
Certificate of Calibration

TG-4E texture gage
CS-1-TU test cell

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