

T-2000

Food Texture Measurement System

A flexible instrument for testing food texture

The T-2000 utilizes the proven Kramer Shear Press measurement technique for production, quality control, or R&D texture testing. Its ease of operation makes it ideal for production use while its accuracy is suitable for research applications. The instrument accommodates a variety of test cells and force transducers enabling it to objectively measure almost any product.

Features

Easy-to-use

Simply load the sample and press "Start". The instrument automatically measures the sample and resets itself.

Rugged and reliable

FTC texture testing systems have been in continuous operation in production environments for more than 40 years.

Multiple force ranges

Depending on the force transducer used, the instrument can measure forces from less than 1 ounce to over 3,000 pounds.

High capacity

The texture press can produce up to 3,000 pounds of force.

Variable speed

Operator selectable to optimize for any product.



Computer interface

RS232 serial output to transmit data to a personal computer for storage.

Compression and tension

The instrument is user-configurable to measure texture in either compression or tension.

Integral calculation

The T-2000 calculates the area under the force/distance curve, providing "Work" measurements in inch-pounds or Joules.

Pea tenderometer option

The T-2000 is available with an optional transducer and calibrated sample cell to test peas and provide results in the industry standard Tenderometer units.

Specifications

Speed	Variable 0 - 30 inch/min or 0 - 75cm/min	
Stroke distance	3.5 inches / 8.9cm	
Maximum force	3000 pounds / 1,363kgs	
Display units	Pounds of force, Newtons (kgs), or Tenderometer units (Integral display inch/pounds or Joules)	
Data output	RS232 serial	
Power	120V/60Hz or 240V/50Hz	
Dimensions	19 x 20 x 34inches / 48 x 51 x 86cm	
Weight	125lbs / 56kg	
Supplied with:	<ul style="list-style-type: none"> • TP-6 ultra quiet • TG-4E-I texture gage • CS-1 test cell 	<ul style="list-style-type: none"> • Variable speed and pressure texture press • RS232 port with software • FTA loadcell (specify capacity at purchase)

Test Cells



Model CS-1

Standard Shear
Compression Cell



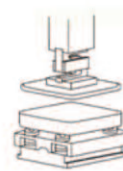
Model CA-1

Single Blade
Shear Cell



Model CW-2

Combination Single Blade
and Meat Shear Cell



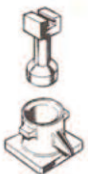
Model TPA-1

Texture Profile Cell



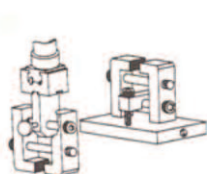
Model BC-1

Heavy-duty
3-Point Bend



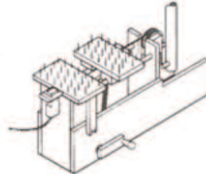
Model CR-1

Succulometer Cell



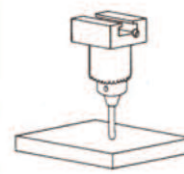
Model TT-1

Heavy-duty
Tensile Test Cell



Model ST

Thin Slice Tensile
Test Cell



Model PT-1

Penetration Test Cell



Model CE-1

Universal Cell

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