

# T-2000

Food Technology  
Corporation

Your path to consistent quality

## 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.

[www.foodtechcorp.com](http://www.foodtechcorp.com)

**DASTEC S.R.L.**

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## Specifications

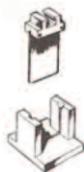
<b>Speed</b>	Variable 0 - 30 inch/min or 0 - 75cm/min
<b>Stroke distance</b>	3.5 inches / 8.9cm
<b>Maximum force</b>	3000 pounds / 1,363kgs
<b>Display units</b>	Pounds of force, Newtons (kgs), or Tenderometer units (Integral display inch/pounds or Joules)
<b>Data output</b>	RS232 serial
<b>Power</b>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

## Test Cells



**Model CS-1**

Standard Shear  
Compression Cell



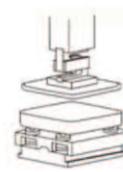
**Model CA-1**

Single Blade  
Shear Cell



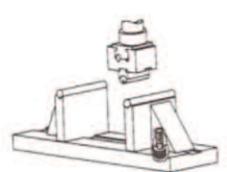
**Model CW-2**

Combination Single Blade  
and Meat Shear Cell



**Model TPA-1**

Texture Profile Cell



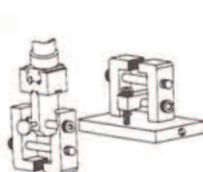
**Model BC-1**

Heavy-duty  
3-Point Bend



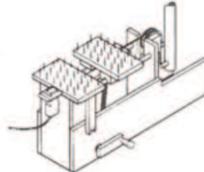
**Model CR-1**

Succulometer Cell



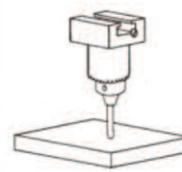
**Model TT-1**

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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