



## 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.

# T-2000

food texture  
measurement system

## 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.

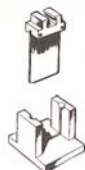
## Specifications

<b>Speed</b>	Variable 0-30 inches/minute or 0-75 cm/minute	
<b>Stroke distance</b>	3.5 inches / 8.9 cm	
<b>Maximum force</b>	3000 pounds / 1,363 kgs	
<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>	115 V 10 Amps 60 Hz or 220 V 6 Amps 50 Hz	
<b>Dimensions</b>	19 x 20 x 34 inches / 48 x 51 x 86 cm	
<b>Weight</b>	125 lbs / 56 kg	
<b>Supplied with</b>	TP-6 ultra quiet TG-4E-I texture gage CS-1 test cell	Variable speed and pressure texture press RS232 port with software FTA load cell (specify capacity at purchase)

## Test Cells



**MODEL CS-1**  
Standard Shear  
Compression Cell



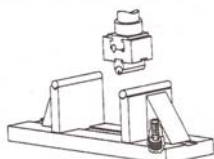
**MODEL CA-1**  
Single Blade Shear Cell



**MODEL CW-2**  
Combination Single Blade  
and Meat Shear Cell



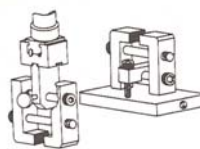
**MODEL TPA-1**  
Texture Profile Cell



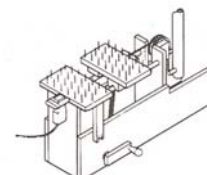
**MODEL BC-1**  
Heavy-duty 3-Point Bend



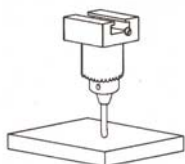
**MODEL CR-1**  
Succulometer Cell



**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

For more information contact