





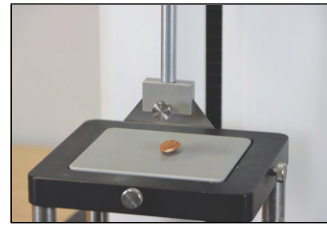
# CTX Texture Analyzer Accessories

The CTX Texture Analyzer delivers reliable and repeatable results with flexible accessories. Making it ideal for testing food, pharmaceuticals, materials and more.

- F** FOODS
- C** COSMETICS
- P** PHARMACEUTICALS
- M** MATERIALS & PACKAGING
- D** DEVICES - MECHANICAL



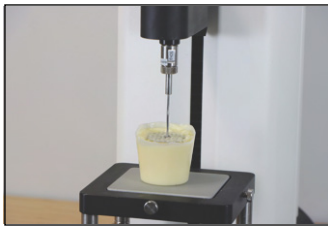
**Tortilla Roll Up Fixture**  
Evaluates changes in corn tortilla texture per AACC technical paper by measuring the force to roll up a tortilla.  
**TA-TRF** **F**



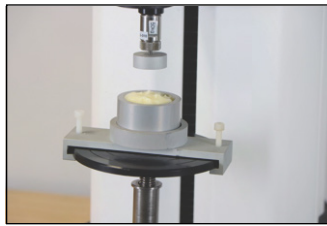
**Craft Knife Adapter**  
Cuts cleanly into and through material with minimum deformation of the sample.  
**TA-CKA** **F**



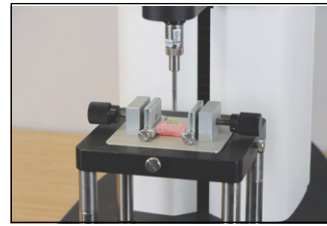
**Shear Blade**  
For cutting tests, especially meat, poultry, fish or similar products. Fixture or rotary base table recommended.  
**TA-52 MOHRS** **F**



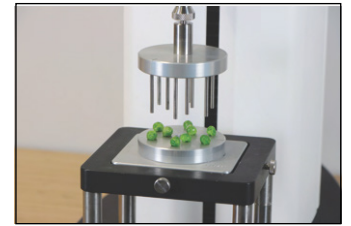
**Mesh Probe**  
Quantifies the consistency of products such as mayonnaise and yogurt.  
**TA-MP** **F** **M**



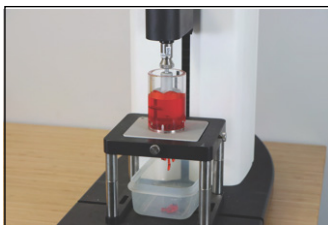
**Back Extrusion Cell**  
For measuring consistency of applesauce, pudding, yogurt and similar products. Rotary Base Table required.  
**TA-BEC** **F** **M**



**Adjustable Vice Fixture**  
For holding small samples for puncture test. Good for jelly beans, gum drops, etc. Rotary Base Table required.  
**TA-AVJ** **F** **M**



**Multiple Probe Assembly**  
Consisting of nine 3mm probes and base plate designed to hold nine small samples of irregular geometry. Base Table required.  
**TA-JMPA** **F** **P**



**Dual Extrusion Cell**  
For either forward or back extrusion of fruit puree, pudding, yogurt or similar products. Fixture Base Table required.  
**TA-DEC** **F** **C** **P**



**Spread Test Fixture**  
Quantifies the spread force of a material. Comes with 1 male cone probe, 5 five samples cups and 1 sample cup holder. Base Table required.  
**TA-STF** **C** **P** **F**



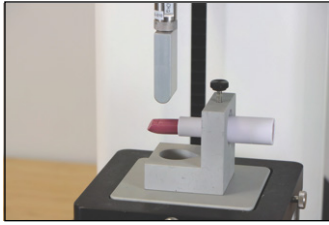
**Hair Combability Fixture**  
Measures the effect of hair dye, shampoos and conditioners on the compatibility of hair.  
**TA-HCF** **C**



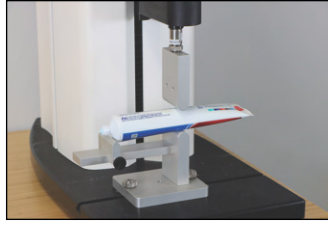
**Eye Pencil Test Fixture**  
Measures hardness of cosmetic pencil tips for eye- or lip-lining products and can also be used for artistic type pencil tips. Fixture Base Table required.  
**TA-EP** **C** **M**



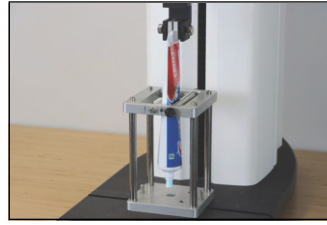
# CTX Texture Analyzer Accessories



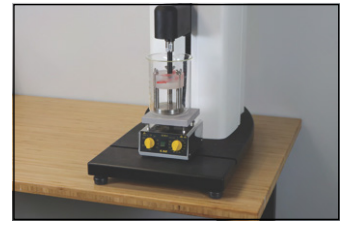
**Lipstick Cantilever Test Fixture**  
Allows imitative tests on lipstick and similar products to quantify strength of product.  
Fixture Base Table required.  
**TA-LC** C



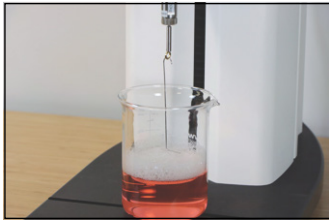
**Tube Extrusion Jig**  
Measures the force needed to squeeze cream, paste or ointment out of a tube.  
Base Table required.  
**TA-TE** C P



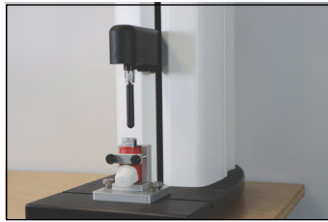
**Tube Extrusion Fixture**  
Measures continuous extrusion force of tube or sachet samples.  
Top vice grip included.  
**TA-TEF** C P



**Muco Adhesion Test Fixture**  
Simulates body/temperature conditions and force needed to pull a tablet away from a mucosal surface.  
**TA-MA** P



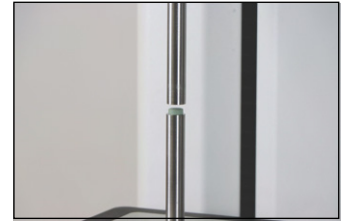
**Raft Tester**  
Measures alginate Raft Strength by pulling wire raft hook out of the sample material.  
**TA-RT** P



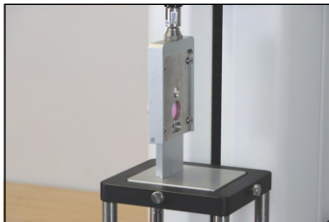
**Metered Dose Inhaler Fixture**  
Measures the push-button force to actuate the inhaler. Fixture Base Table required.  
**TA-MDI** P



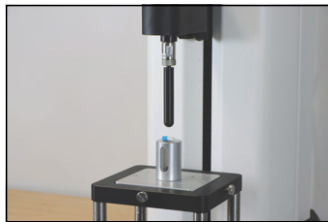
**Syringe Test Fixture**  
Measuring the force required to push or pull syringe plunger. Important to all syringe markets.  
Base Table required.  
**TA-STJ** P



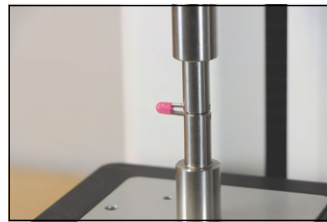
**Tablet Coating Adhesion Fixture**  
Measures the adhesion force of a tablet coating to a tablet.  
Fixture Base Table required.  
**TA-TCA** P



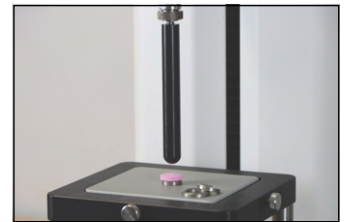
**Bi-Layer Shear Fixture**  
Measures shear strength by cutting a two-part tablet or capsule using a guillotine blade.  
Fixture Base Table required.  
**TA-BLS** P



**Blister Pack Support Fixture**  
Used to measure the force required to remove the tablet from its blister pack. Fixture Base Table required.  
**TA-BPS** P



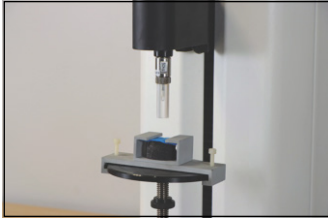
**Capsule Loop Tensile Test Fixture**  
Used to measure the force required to split one half of a hard gel capsule. Fixture Base Table required.  
**TA-CLT** P



**Tablet Compression Fixture**  
Performs a ring crush test (includes four rings). Bead compression test fixture is also included. Fixture Base Table required.  
**TA-TCF** P



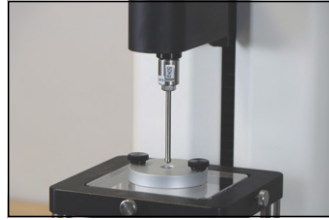
# CTX Texture Analyzer Accessories



## Adhesive Tack Tester

Measuring stickiness of pressure sensitive adhesive materials such as tape. Rotary Base Table required.

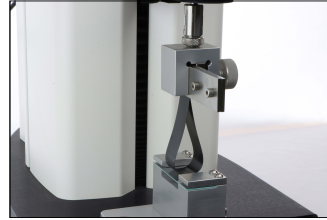
TA-ATT M P



## Film Support Fixture

For puncture test to measure strength of fine films. Fixture Base Table required.

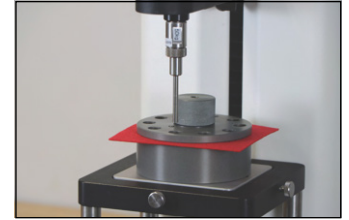
TA-FSF M P



## Loop Tack Test

Measures the adhesive strength of pressure sensitive tape and stickers according to ASTM D6195.

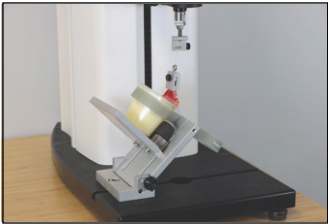
TA-LTT M



## Rotary Indexing Fixture

Measures adhesive force to pull tape off a surface. Multiple tests done on same sample for average value. Fixture Base Table required.

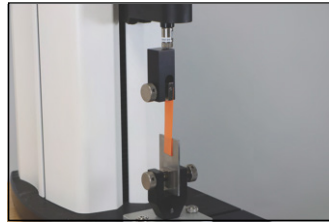
TA-RIF M



## General Peeling Jig

Measures the adhesive strength needed to remove the lid from a sealed container at 0°, 45°, and 90° angles.

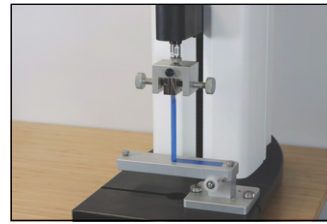
TA-GPJ M



## 180° Peel Fixture

Consists of top & bottom grips to measure adhesive strength when pulling tape off rigid surface using force at 180° angle.

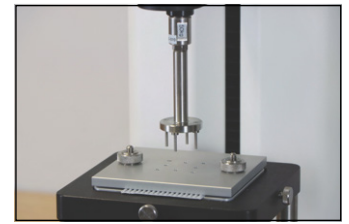
TA-PF180 M



## 90° Peel Fixture

Measures the adhesive strength to pull a tape off of a rigid surface using force at a 90° angle.

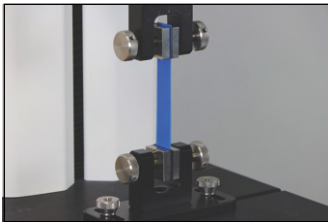
TA-PF90 M



## Adhesive Test Fixture

Measures adhesive force of plaster and similar samples. Includes flat cylindrical probe, base plate and top clamp to hold the sample.

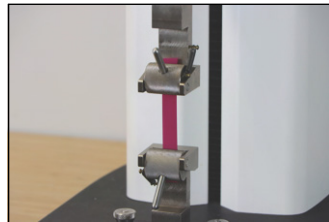
TA-ATTPT M



## Dual Grip Fixture

Tensile testing of thin films or integrity of seals for packaging.

TA-DGF M P D



## Roller Cam Accessory Grips

Measure the tensile strength and tear characteristics of material such as polymer films.

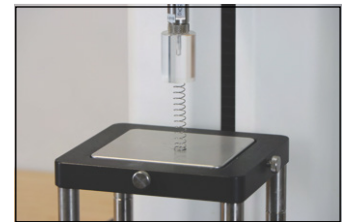
TA-RCA M D



## Sliding Friction Jig

Measures the coefficient of friction for packaging materials according to ASTM D1894.

TA-SFJ M D



## Cylindrical Probe

Used to measure the force vs. distance in mechanical springs. TA11: included in TA-P-KIT2 or as a standalone part.

TA11 D



# CTX Texture Analyzer Accessories



## General Probe Kit with Carrying Case

Variety of probes:

- (1) cutting wire
- (8) cylindrical
- (3) cone
- (1) knife-edge
- (2) ball
- (1) needle

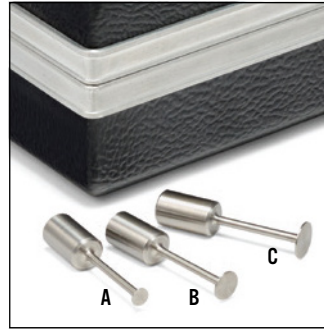
Complies with BS and AACC.

**TA-P-KIT2**

F C P M D

## Standard Probes

<b>A</b>	TA53	cutting wire
<b>B</b>	TA25/1000	50.8mm dia.
<b>C</b>	TA4/1000	38.1mm dia.
<b>D</b>	TA11/1000	25.4mm dia.
<b>E</b>	TA10	12.7mm dia.
<b>F</b>	TA17	24mm dia. 30°
<b>G</b>	TA15/1000	30mm dia. 45°
<b>H</b>	TA2/1000	30mm dia. 60°
<b>I</b>	TA7	knife-edge
<b>J</b>	TA43	25.4mm dia.
<b>K</b>	TA18	12.7mm dia.
<b>L</b>	TA9	needle
<b>M</b>	TA41	6mm dia.
<b>N</b>	TA39	2mm dia.
<b>O</b>	TA44	4mm dia.
<b>P</b>	TA5	12.7mm dia.



## Curd Probe Kit

one each of:

- A** TA46 5mm
- B** TA47 8mm
- C** TA48 10mm

**TA-P-KIT3** F



## Calibration Weight Set

Includes a set of certified weights designed to verify the calibration and linearity of each individual load cell.

**TA-CW-1500C**

Also available:

A broad selection of probes including cylindrical, cone, ball, needle, knife-edge, and wire cutting styles.

AMETEK Brookfield offers custom-designed fixtures and probes to accommodate a wide range of testing applications. For tailored solutions to your texture and materials testing needs, contact AMETEK Brookfield or an authorized dealer.



Repeatable



Reliable



Accurate

# CTX Texture Analyzer Accessories

## BASE TABLES



### **Rotary Base Table**

Provides quick and easy height adjustment to accommodate samples of various sizes. Included are pair of T-bolts for securing Rotary Base Table to slot in base of CTX Texture Analyzer.

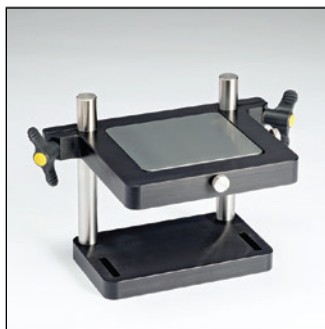
**TA-RT-KIT**



### **Fixture Base Table**

Rectangular with removable insert which can be used as test surface or replaced with a number of test fixtures. Included are pair of T-bolts for securing Fixture Base Table to slot in base of CTX Texture Analyzer. Also included are four sets of extension legs with different lengths to adjust the test surface height.

**TA-BT-KIT**



### **Adjustable Base Table**

For use with fixtures requiring table heights between 1.5" and 5"

**TA-ABT-KIT**

## TEXTURE ANALYSIS TESTING SERVICES

A variety of texture analysis testing services can be performed at all AMETEK Brookfield locations (USA, UK, Germany, China and India).

### **APPLICATION AND TECHNICAL SUPPORT**

Ongoing guidance and prompt assistance to maximize the potential of our instruments and methodologies, ensuring optimal results for your applications.

### **SAMPLE AND MATERIAL TESTING**

Evaluating finished products and raw materials for consistency, quality, composition, strength, and durability to ensure they meet specified standards.

### **METHOD DEVELOPMENT AND RECOMMENDATIONS**

Designing and refining testing protocols, selecting appropriate parameters, and optimizing conditions to meet your specific needs. Expert evaluations help identify the most suitable instruments and methodologies.

### **INDEPENDENT VERIFICATION**

Expands the capability of your laboratory by utilizing AMETEK Brookfield's services to accomplish testing work on a timely basis.

