

CTX Texture Analyzer Accessories

Designed for precision and flexibility, the CTX Texture Analyzer features interchangeable load cells and a wide range of accessories making it ideal for consistent testing across various applications.

F FOODS

C COSMETICS

P PHARMACEUTICALS

M MATERIALS & PACKAGING

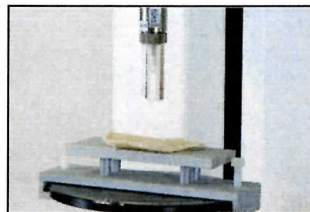
D DEVICES - MECHANICAL



Kieff Dough and Gluten Extensibility Fixture

Quantifies maximum force and distance needed to break sample. Fixture Base Table required.

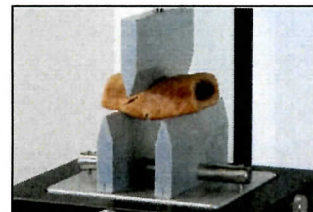
TA-KF **F**



Junior Punch Fixture

Punching through flat samples; 12.7mm max. diameter probe. Hole in fixture is 14mm. Rotary Base Table required.

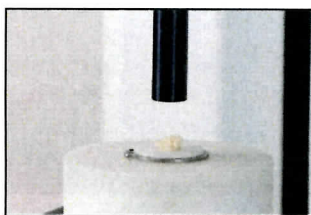
TA-JPA **F** **M**



Three Point Bend Fixture

Used with TA7 blade from general probe kit. Fixture Base Table required. Small scale version TAJTPB is available.

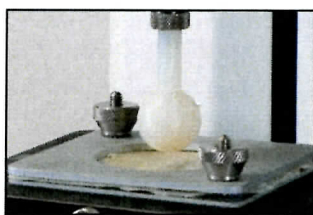
TA-TPB **F**



Dough Stickiness Fixture

Standard test for measuring dough stickiness; important for processing raw dough. Fixture Base Table required.

TA-DSJ **F**



Dough Extensibility Fixture

For holding sheet of raw dough or flat bread to measure breaking point of stretched sample. Fixture Base Table required.

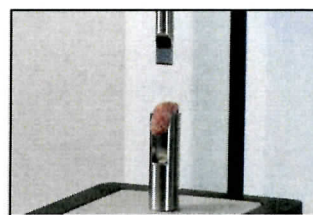
TA-DE **F**



Compression Top Plate

For applying uniform compression forces on samples up to 4x6 inches (10x15cm). Fixture Base Table required.

TA-CTP **F**



Volodkevich Bite Jaws

For testing bite force of meat products using shear cutting test. Fixture Base Table required.

TA-VBJ **F**



Pizza Tensile Fixture

Quantifies cooked pizza firmness by measuring the tensile force and deformation distance to break sample.

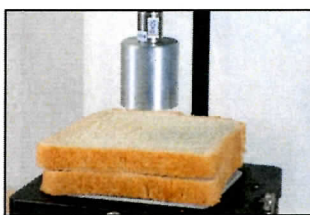
TA-PTF **F** **M**



Standard Dough Pot

Set for preparing dough samples and measuring dough firmness.

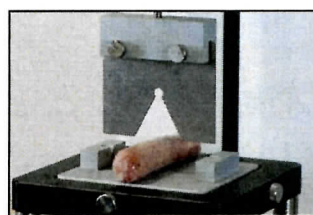
TA-FMBRA **F**



AACC Spec Probe

For measuring bread firmness and performing texture profile analysis (TPA). Fixture Base Table required.

TA-AACC36 **F**

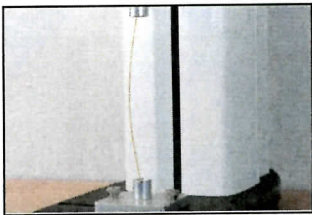


1mm Shear Blades

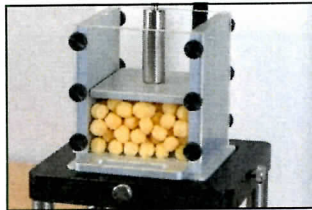
For cutting-shear test: meat, fish, sausage, etc. TA-SBA-WB-3 option for 3mm blades. Fixture Base Table required.

TA-SBA **F**

CTX Texture Analyzer Accessories



Spaghetti Flexure Fixture
Quantifies flexure characteristics of uncooked spaghetti and other dry pastas.
TA-SFF



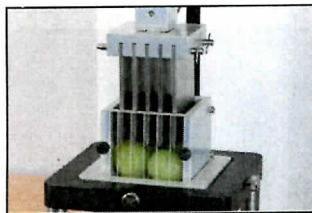
Ottawa Cell (447cc)
For bulk compression to determine hardness and crispness of cereals, vegetables or fruits. Fixture Base Table required.
TA-OC-002



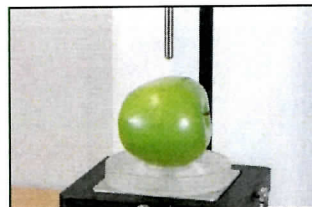
Pasta Firmness and Stickiness Fixture
Measures the firmness and stickiness of uncooked pasta. Fixture Base Table required.
TA-PFS



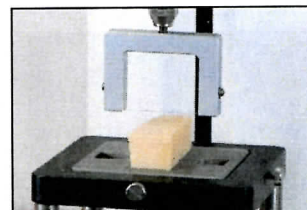
Pasta Firmness and Stickiness Fixture
Measures shear strength when biting pasta and like products. Fixture Base Table required.
TA-PFS-C



Kramer Shear Cell
Sharp to measure shear force of small composite samples such as grapes, corn and beans. Fixture Base Table required.
TA-KSC-002



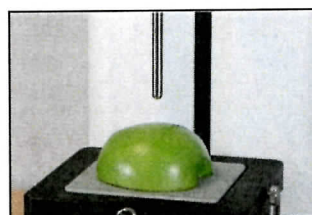
Circular Support Fixture
Provides support for round samples and retains any potential fluid expressed during the test. Fixture Base Table required.
TA-CSF



Wire Shear Plate
Cuts through the sample. Good for products with significant stickiness like cheese and butter. Fixture Base Table required.
TA-WSP



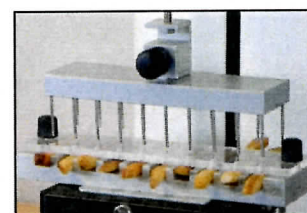
Cheese Extensibility Fixture
Measures the extensibility of molten cheese sample to breaking point.
TA-CEF



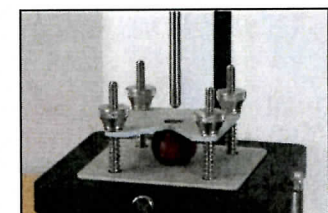
Magness-Taylor Probes
For puncture test to measure hardness of fresh fruit and vegetables. Fixture Base Table required.
TA-MTP



GMIA & GME probe and spec Bloom bottle
TA-GBB-2 sold in package of twelve bottles.
TA10



Multiple Chip Fixture
Used for testing the penetration or firmness of multiple chips / french fries. Fixture Base Table required.
TA-MCF



Confectionary Fixture
For holding candies and similar products for penetration testing. Fixture Base Table required. Probe not included.
TA-CJ



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
- G** 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.

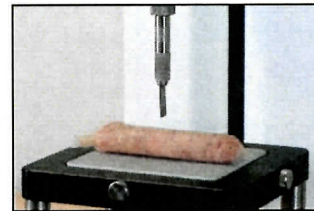
TA-TRF **F**



Craft Knife Adapter

Cuts cleanly into and through material with minimum deformation of the sample.

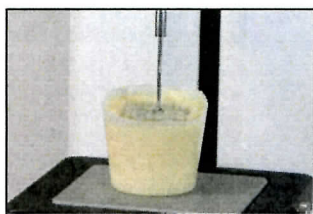
TA-CKA **F**



Shear Blade

For cutting tests, especially meat, poultry, fish or similar products. Fixture or rotary base table recommended.

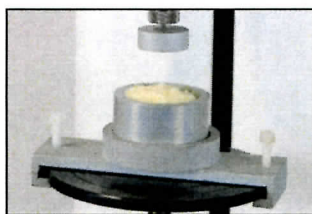
TA-52 MOHRS **F**



Mesh Probe

Quantifies the consistency of products such as mayonnaise and yogurt.

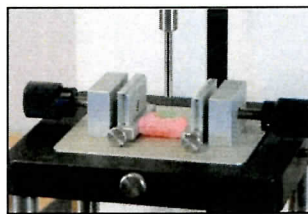
TA-MP **F** **M**



Back Extrusion Cell

For measuring consistency of applesauce, pudding, yogurt and similar products. Rotary Base Table required.

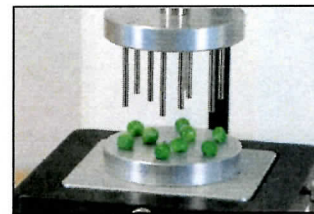
TA-BEC **F** **M**



Adjustable Vice Fixture

For holding small samples for puncture test. Good for jelly beans, gum drops, etc. Rotary Base Table required.

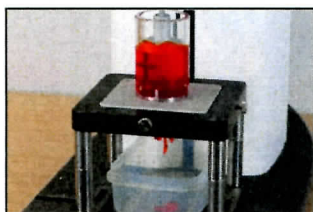
TA-AVJ **F** **M**



Multiple Probe Assembly

Consisting of nine 3mm probes and base plate designed to hold nine small samples of irregular geometry. Base Table required.

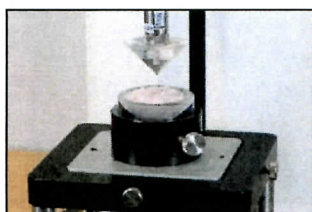
TA-JMPA **F** **P**



Dual Extrusion Cell

For either forward or back extrusion of fruit puree, pudding, yogurt or similar products. Fixture Base Table required.

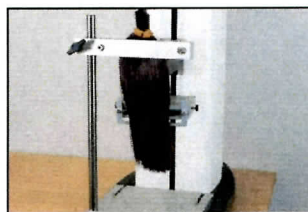
TA-DEC **F** **G** **P**



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 **G** **P** **F**



Hair Combability Fixture

Measures the effect of hair dye, shampoos and conditioners on the compatibility of hair.

TA-HCF **G**



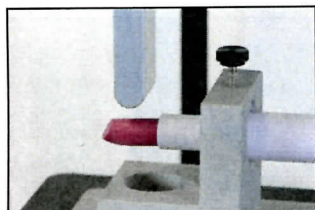
Eye Pencil Test Fixture

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 **G** **M**



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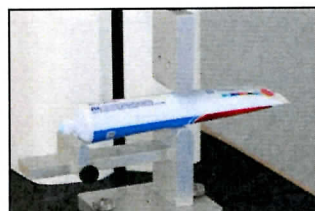


Lipstick Cantilever Test Fixture

Allows imitative tests on lipstick and similar products to quantify strength of product.

Fixture Base Table required.

TA-LC C

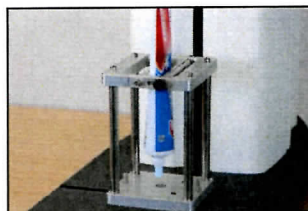


Tube Extrusion Jig

Measures the force needed to squeeze cream, paste or ointment out of a tube.

Base Table required.

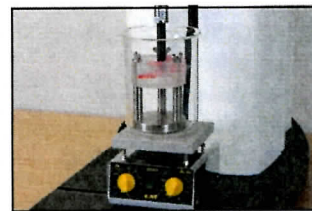
TA-TE C P



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.

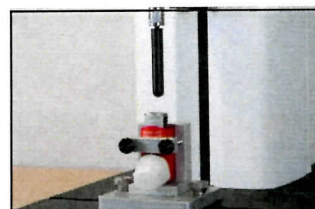
TA-MA P



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.

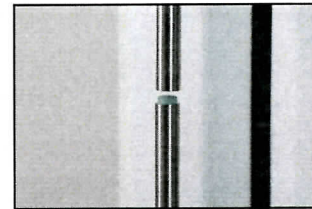
TA-MDI P



Syringe Test Fixture

Measuring the force required to push or pull syringe plunger. Important to all syringe markets. Base Table required.

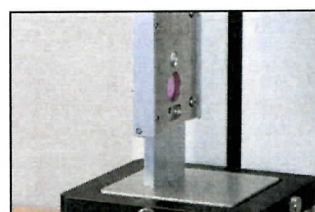
TA-STJ P



Tablet Coating Adhesion Fixture

Measures the adhesion force of a tablet coating to a tablet. Fixture Base Table required.

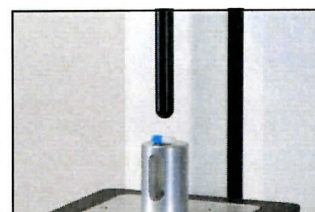
TA-TCA P



Bi-Layer Shear Fixture

Measures shear strength by cutting a two-part tablet or capsule using a guillotine blade. Fixture Base Table required.

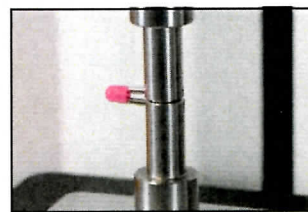
TA-BLS P



Blister Pack Support Fixture

Used to measure the force required to remove the tablet from its blister pack. Fixture Base Table required.

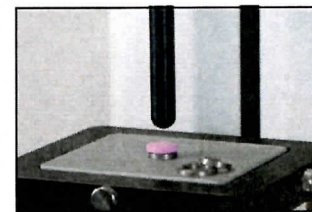
TA-BPS P



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



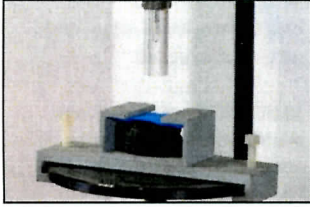
Tablet Compression Fixture

Performs a ring crush test (includes four rings). Bead compression test fixture is also included. Fixture Base Table required.

TA-TCF P



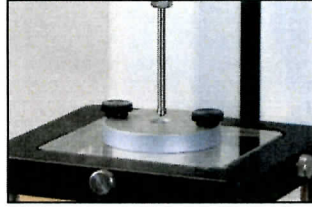
CTX Texture Analyzer Accessories



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.

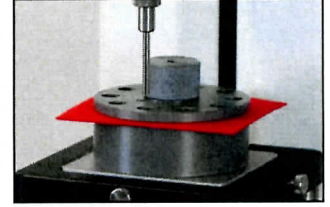
TA-FSF M P



Loop Tack Test

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

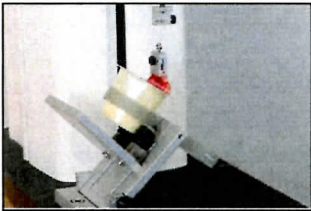
TA-LTT M



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.

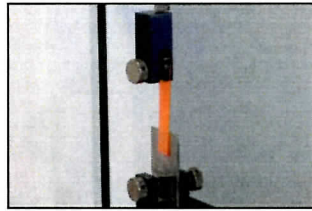
TA-RIF M



General Peeling Jig

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

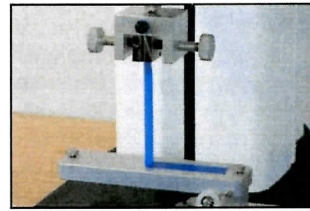
TA-GPJ M



180° Peel Fixture

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

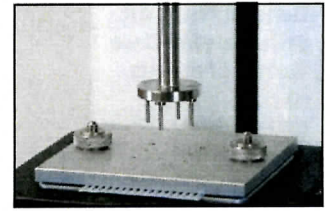
TA-PF180 M



90° Peel Fixture

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

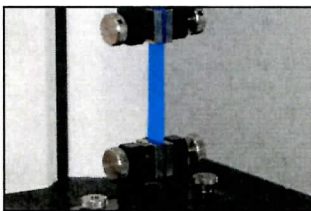
TA-PF90 M



Adhesive Test Fixture

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

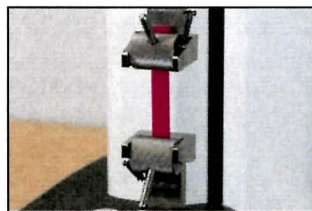
TA-ATTPT M



Dual Grip Fixture

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

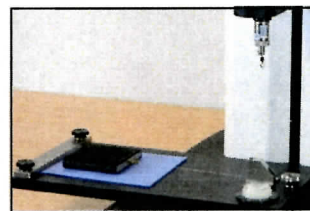
TA-DGF M P D



Roller Cam Accessory Grips

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

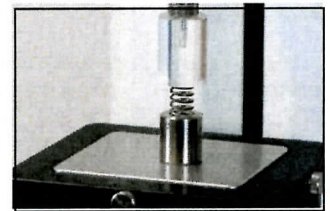
TA-RCA M D



Sliding Friction Jig

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

TA-SFJ M D



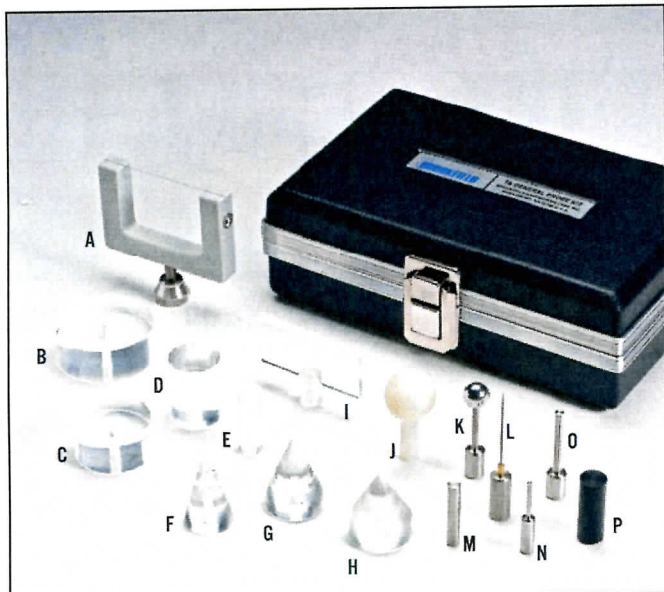
Cylindrical Probe

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

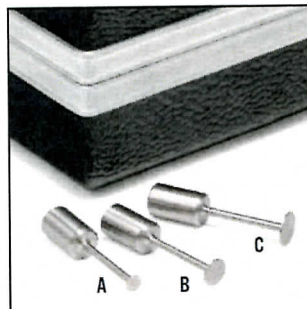
Complies with BS and AACC.

TA-P-KIT2

F C P M D

Standard Probes

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

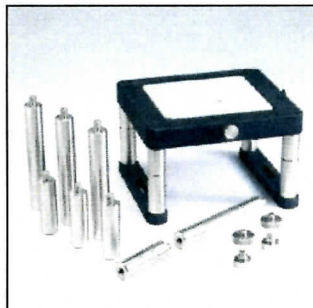
BASE TABLES



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.

