

TEXTURE APPLICATIONS

The CT3 Texture Analyzer is used to test many different types of materials. General categories are identified and examples from each are presented.



TA-HCF
Hair Combability
Fixture

COSMETICS

Measure the effect of shampoos and conditioners on the combability of hair. Lipstick firmness is confirmed with a bending test. Extrusion cell characterizes physical consistency of cosmetic creams.

SOME RECOMMENDED CT3 ACCESSORIES

TA-DEC TA-EP TA-HCF TA-LC TA-TEF



TA-NTF
Noodle Tensile
Fixture

FOODS

Evaluate noodle quality by stretching it with tension test. Snap test on cracker gives clear indication of freshness. Two-cycle compression test on bread slice quantifies firmness and springiness.

SOME RECOMMENDED CT3 ACCESSORIES

TA-DE TA-DSJ TA-FMBRA TA-JPA
TA-KF TA-MP TA-PFS TA-PFS-C
TA-PTF TA-SBA TA-SFF TA-TPB
TA-VBJ TA-WSP *and many more*



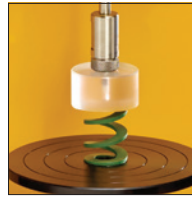
TA10
GMIA & GME
probe and spec
Bloom bottle

GELATIN

Universal method for establishing the value of gelatin is via the Bloom Test which measures the physical strength of the sample using a cylinder probe.

RECOMMENDED CT3 ACCESSORY

TA10, TA5



TA11
Spring Rate Test
measures force vs
distance of springs

MECHANICAL DEVICES

The CT3 has been extensively tested with various mechanical components. We have solutions for o-ring force vs. compression distance, key pad button actuation force, crimping force test for wire in clamps, life cycle testing for switches and actuators and much more. Call us for details.

RECOMMENDED CT3 ACCESSORY

TA11 TA-DGF TA-RCA TA-SFJ TA-P-KIT2



TA-DGF
Dual Grip Fixture

PACKAGING

Tensile test on package seals determines how hard it will be to rip open. The force required to remove capsules from blister packaging is measured with a finger probe in compression.

SOME RECOMMENDED CT3 ACCESSORIES

TA-ATT TA-AVJ TA-BEC TA-DGA TA-FSF
TA-GPJ TA-JPA TA-LTT TA-PF90 TA-PTF
TA-SFJ TA-TSF



TA-TEF
Tube Extrusion Fixture

PERSONAL CARE PRODUCTS

The squeezing force to extrude creams and pastes is quantified using a support fixture to hold the tube in place while pressing down with a finger-shaped blade.

RECOMMENDED CT3 ACCESSORY

TA-TEF, TA-STE, TA-TE, TA43



TA-BLS
Bilayer Shear
Test Fixture

PHARMACEUTICALS

Measure shear strength of two-part tablet or capsule using guillotine blade. Burst strength of capsule shell is quantified using tension test to rip the capsule apart. Adhesive property of tablet coating is determined with tension test.

SOME RECOMMENDED CT3 ACCESSORIES

TA-BPS TA-DEC TA-FSF TA-MA TA-MDI
TA-RH TA-STF TA-STJ TA-TCA TA-TEF