NEW CT3 Texture Analyzer

Our newest, low-cost texture analyzer offers both compression and tension!

A history of more than 25 years from the Stevens Analyzer to the LFRA Texture Analyzer, integrating customer input along the way, have contributed to development of the most powerful, lowest cost, stand alone Texture Analyzer ever produced. With its six test modes (including calibration check) and a wide choice of accessories, **no other texture analyzer has ever done so much without a computer and software!**

CE3 TEXTURE ANALYZER

TEST: NORMAL
TRIGGER: 4 g
DEFORMATION: 10.0 MM
SPEED: 0.5 MM/s

SELECT/SCROLL

RESET STOP   START

BROOKFIELD

New Tension Mode

Easy-to-Read Display

Easty-to-Use Intuitive Controls

New Increased Probe Travel Distance

Report Test Modes:
Normal Test
Hold Time Test
Cycle Count Test
Bloom Test
TPA Test
Tension Test
Static Load Test

Available Load Cells:
−100g
−1000g
−1500g
−4500g
−10kg

New Choice of Base Tables allows for larger samples and more choices of accessories

BROOKFIELD TEXTURE ANALYZERS

T: 800.628.8139 or 508.946.6200   F: 508.946.6262   www.brookfieldengineering.com

What's Included?

Instrument
Choice of Load Cell (installed)
Choice of Base Table

Optional Accessories

Standard Probe Kit
Confectionary Jig
Dough Extensibility Jig
Dual Extrusion Cell
Dual Grip Assembly
Dough Stickiness Jig
Dough Pot Set
Junior Multiple Probe Assembly
Ottawa Cell
Velodkevitch Bite Jaws
Wire Shear Plate
Compression Top Plate
Shear Blade Set
Adjustable Vice Jig
Junior 3-Point Bend Assembly
Junior Punch Accessory
Adhesive Tack Tester
Back Extrusion Cell
Small Scale MOHRS Shear Blade Set

Bloom Test Strip

Standard Probe Kit

Snap Test Jig

Dual Grip Assembly

Ottawa Cell

Assortment of Probes

Bloom Gel Test
AOAC (GMIA) Approved

The probes and fixtures shown here are just a small selection from our optional accessories. Brookfield can develop custom equipment to meet most any texture measurement application.

Junior Punch Accessory

Adjustable Vice Jig

Small Scale Shear Blade

The CT3 offers more test reporting modes than any other texture analyzer in its class.

Normal Test: Single compression cycle of peak load, deformation at peak, energy input in Joules, final load and sample temperature.

Hold Time Test: Compresses sample and holds time, peak load, deformation at peak, final load and sample temperature.

Cycle Count Test: Compresses sample set a number of times and provides peak load, mean and standard deviation of all peaks, final peak load and sample temperature.

Bloom Test: Compression test for gelatin bloom strength in grams bloom and sample temperature.

TPA Test: A 2-cycle texture profile analysis test for Hardness 1 and 2, cohesiveness, springiness, adhesiveness and sample temperature.

Tension Test: Applies tension force to sample using grips to determine peak force, deformation at peak, energy input in Joules, final force and sample temperature.

Static Load Test: A calibration weight verification check of total load as each weight from the calibration set is added.