

# CTX™ Texture Analyzer

Compression and tension testing modes to assure product consistency. Best value in a stand-alone mode instrument for quality control.

- Wide range of probes and fixtures for a range of industries. Accessories include TA-DEC, which applies forward or back extrusion of fruit puree, pudding, yogurt, or similar products.
- Deflection Compensation ensures distance accuracy at full load range. 500 Hz data output rate captures the precise moment there is a change to your sample.
- Optional Texture Pro software (standard or 21CFR compliant), which makes the CTX ideal for R&D labs performing material evaluation and characterization tests.



## All CTX Model Specifications

Speed	0.01-0.1 mm/s (in increments of 0.01mm/s)
Range	0.1 to 40mm/s (in increments of 0.1mm/s)*
Accuracy	±0.1% of set speed
Position Range	0-280 mm
Resolution	0.0005 mm
Accuracy	0.1 mm

\*Maximum test speed for 100kg = 10mm/s and 50kg = 20mm/s





# CTX Texture Analyzer

## Allows accurate material characterization measurements.

### Features

- Easy set up to get up and running quickly
- Touch-screen user interface and graphical display in standalone mode
- Variety of probes and accessories for new application opportunities

#### Flexibility

Interchangeable load cells for optimal flexibility (eight choices ranging from 100g to 100kg). Easy-to-use standalone operation with integrated data analysis.

#### Speed

Faster travel means faster testing.

#### Functionality

Extended beam travel up to 280mm (11 inches) for longer reach testing. Standard, High Response and Dampened filtering options provide flexibility in evaluating sample behavior.

#### Precision

500Hz data output rate captures the precise moment there is a change to your sample. Deflection compensation ensures distance accuracy at full load range.

- Texture Pro Software gives users the capability to compare test data from multiple runs for repeatability
- Allows user to create custom test methods

#### Properties Measured

- Adhesives Force
- Adhesiveness
- Chewiness
- Cohesiveness
- Crispiness
- Elasticity
- Firmness
- Gel Strength
- Hardness
- Ripeness
- Spreadability
- Springiness
- Tackiness

### Optional Accessories

- Texture Pro Software
- Standard and advanced versions
  - Advanced for 21CFR Part 11 Compliance
- Temperature Probe
- Bubble Level
- Calibration Weight Set
- Gelatin Bath System for Gel Conditioning
- Bloom Jar - Industry approved
- Wide variety of probes and fixtures for testing broad packaging material, food, pharmaceutical products, cosmetic & mechanical devices

### Applications

- Bakery - biscuits, bread, cookies, dough, pastry
- Candies - gum drops, jelly beans.
- Dairy - butter, cheese, yogurt
- Grains and Snack Foods - cereal, crackers, noodles, chips
- Meat - beef, hot dog, poultry, seafood, sausage
- Fruit & Vegetables - apples, blueberries, grapes, avocado, carrots, peppers
- Cosmetics - creams, lipstick, mascara
- Pharmaceuticals - gelatins, ointment, hard tablets
- Materials - adhesives, packaging, rubber



Load Cell	Load Range/Resolution*
CTX001	0-100 g/0.01 g
CTX010	0-1,000 g/0.1 g
CTX015	0-1,500 g/0.1 g
CTX050	0-5,000 g/0.1 g
CTX100	1-10,000 g/0.1 g
CTX250	2-25,000 g/1.0 g
CTX500	5-50,000 g/1.0 g
CTX01K	10-100,000 g/1.0 g

\*Accuracy = ±0.2% Full Scale Range (FSR)

