

## Texture Analyzer AST-TA5000



### Application

The Texture Analyzer TA-5000 is applicable to test physical properties of food and other consumer products.

### Product Feature

- 10-inch color touchscreen with graphical user interface (GUI).
- High-precision sensors ensure high accuracy and repeatability of the force measurement system.

- Multiple intelligent configurations, including limit protection, overload protection, auto-positioning, and power-off memory.
- Provides a variety of test modes, such as TPA (Texture Profile Analysis), meat tenderness, gel strength, noodle strength, elastic modulus, tensile stress, peeling, tensile strength, compressive strength, viscosity, and more.
- Motion control system with high precision and smooth operation.
- The instrument is embedded with latest operating software, featuring a user-friendly interface, intelligent data processing, strict user management, and secure data storage.
- Equipped with micro-printer and standard USB interface.

## Standard

This test instrument conforms to many national and international standards:

GB/T 28304-2012, GB/T 6783-2013, AACC (16-50), AACC (74-09), NY/T 1180-2006, SC/T 3702-2014, ASTM D1894-90, FINAT Method, Afera 4013, Afera 4015, Afera 5001, Afera 5004.

## Specification

Model	AST-TA5000
Test Range	5 kg (Standard)
Accuracy	25 kg, 50 kg (Optional)
Test Speed	0.0001 g
Resolution of Speed	0 ~ 50 mm/s (Adjustable)
Stroke	0.001 mm/s
Accuracy of Displacement	0 ~ 420 mm
Power Supply	0.0001 mm
Standard Accessories	120VAC 60Hz / 220VAC 50Hz
Optional Accessories	(can be changed to local requirement)
Instrument Size (W×D×H)(mm)	Instrument, Micro Printer
Shipping size(W×D×H)(mm)	300+ Customized Clamps
N.W./G.W. (kg)	310×410×900