

## Flexible & Affordable Touch Screen Texture Analyzer

### Measure with accuracy & ease

Designed exclusively for customers who desire an easy to operate, portable texture analyzer, Food Technology Corporation's TMS-Pilot is an affordable alternative for determining a variety of food texture characteristics. FTC has proven to have the most dependable, accurate and trouble-free systems for measuring texture within the food industry for over 50 years.

### Features

- LCD Touch Screen interface
- Plug & Play design
- Password protected log-in
- Customization of reports
- Unlimited storage of test methods
- Flexible use of probes, fixtures & loadcells

### Easy-to-use

Operated via an intuitive touch screen interface, the TMS-Pilot requires minimal operator training. Tests are performed at the touch of an icon and programs can be saved as "favorites" on the main screen for instant accessibility. With a plug & play design, the TMS-Pilot has a simple set up, allows loadcells to be interchanged in seconds and accepts the majority of FTC's probes and fixtures.

### Versatile and affordable

Designed with the budget conscious in mind, the TMS-Pilot has the capabilities needed to perform basic texture testing of most food products, including: bakery, cereals, confections, snacks, dairy, fruits and vegetables, meats, gels and more.



### Specifications

Maximum Load Rating	112 lbf (500 N)
Force Accuracy	±0.1% of full scale for load cells from 2 - 500 N
Speed Range	0.04 - 15.7 inches/min (1 - 400 mm/min)
Speed Accuracy	± 0.5% of set speed
Position Resolution	0.0004" (0.01 mm)
Position Accuracy	0.02" (0.5 mm) over full travel
Crosshead Travel*	11.8" (300 mm)
Data Acquisition Rate	Selectable from 1000, 500, 100, 50, 10Hz
Power Supply	110/230 V AC, 60/50 Hz

\* Measured without fixtures

### Supplied with:

- TMS Load Cell
- T-slot mounting base
- Fixture Table
- TMS-Pilot Software
- Cables & Manuals

### Food Technology Corporation

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