

TX-700

The **tactile**
texture analyzer



With its wide range of probes and fixtures, the TX 700 is the ideal tool for your texture analysis. Thanks to its touch screen directly displaying the curves, its method programming capability, storage and analysis of measurements, the TX 700 will fit in laboratory and production area.

FEATURES AND BENEFITS

- Integrated temperature probe.
- Direct curve on display.
- Programming and recording methods.
- Data recording and USB transfer.
- Many different probes and fixtures.
- Interchangeable force sensors.
- Height adjustable tray.
- Compatible with RheoTex software.

WHAT'S INCLUDED WITH DEVICE ?

(according to part number)

- 1 Interchangeable force sensor.
- 1 Temperature probe PT100 (-50°C à 300°C).
- 1 Height adjustable tray.
- 1 Touch screen stylus.
- 1 User manual.
- 1 Calibration and checking certificate.
- 1 Microfiber cloth.

AVAILABLE INSTRUMENTS

Reference	Designation
N151010	TX-700 TEXTURE ANALYZER - 10 N
N151020	TX-700 TEXTURE ANALYZER - 20 N
N151050	TX-700 TEXTURE ANALYZER - 50N
N151250	TX-700 TEXTURE ANALYZER - 250 N
N151500	TX-700 TEXTURE ANALYZER - 500 N

SPECIFICATIONS

Type of device

Texture Analyzer operating in Compression and Traction with 7" Touch screen

Choice of sensors

10 N (1 kg), Resolution 0.001 N (0.1 g)
 20 N (2 kg), Resolution 0.001 N (0.1 g)
 50 N (5 kg), Resolution 0.001 N (0.1 g)
 250 N (20 kg), Resolution 0.01 N (1 g)
 500 N (50 kg), Resolution 0.01 N (1 g)

Accuracy

+/- 0.1 % of the full scale

Speed range

From 0.1 to 10 mm/s +/-0.2 %

Motion

Height: 330 mm / Resolution: 0.1 mm (0,01 mm with RheoTex)

Temperature Probe

Equipped with a PT100 sensor which indicates temperatures between -50°C to +300°C

Display

Force – Speed – Distance – Temperature - Time –
 Measuring probe – Level of sensitivity
 Date/hour - Choice of force units: gram or Newton

Languages

French/English/Turkish/German

Security and confidentiality

An «operator» function allows you to enter a username for your instrument. This user must then be identified using a 4-digit code. There is also a protected mode that locks your measurement conditions.

Supply voltage

90-240 VAC 50/60 Hz

PC connections

RS232 Port

Printer connection

USB Host Port -
 Compatible PCL/5

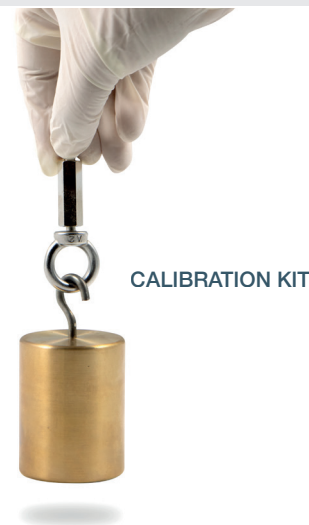
What benefits are there for you?

Integrated adjustable turntable: diam. 160 mm. Table for attaching inserts: 120 x 220 mm.
 Available Operating Modes: Compression – Relaxation – Traction – TPA Cycle – Penetrometry and relative compression mode also. Large selection of probes available and custom probes can be made with choice of material, shape and size according to your criteria. The TX700 has a large 7" colour touch screen which allows comfortable use and optimal viewing of measurements. Storage of your measuring methods. Data can be backed up and exported using a USB stick. External control thanks to the optional software.

Dimensions and weight

D610 x W340 x H710 mm

Weight: 25 kg



OPTIONS & ACCESSORIES



- Probes (p52).
- Fixtures (p53-55).
- Barcode reader with stand and cable (p68).
- Touch screen protector (p68).
- Calibration Kit: 10-20N (Ref.150060) ; 50-250N (Ref.150070) ; 500N (Ref.150080).
- RheoTex software (p64-65).
- Force sensor: 10N (Ref : N150010) ; 20N (Ref : N150020) ; 50N (Ref : N150050) ; 250N (Ref : N150250) ; 500N (Ref : N150500).