

TEXTURE ANALYZER TX-700



The **tactile**
texture analyzer



FEATURES AND BENEFITS

- Integrated temperature probe.
- Direct curve on display.
- Inbuilt software for programming.
- Data recording and USB transfer.
- Many different probes and fixtures.
- Interchangeable load sensors.
- Height adjustable tray.
- Compatible with RheoTex software.
- LIMS function.
- Printer connection.

AVAILABLE INSTRUMENTS

Reference	Designation
N151010	TX-700 TEXTURE ANALYZER - 10N
N151020	TX-700 TEXTURE ANALYZER - 20N
N151050	TX-700 TEXTURE ANALYZER - 50N
N151100	TX-700 TEXTURE ANALYZER - 100N
N151250	TX-700 TEXTURE ANALYZER - 250N
N151500	TX-700 TEXTURE ANALYZER - 500N

WHAT'S INCLUDED WITH DEVICE ? *(according to part number)*

1 Interchangeable load sensor / 1 Temperature probe PT100 (-50°C à +300°C) / 1 Height adjustable tray / 1 User manual /
1 Calibration and checking certificate

SPECIFICATIONS

**Type of device**

Texture Analyzer operating in Compression and Tensile 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)
 100 N (10 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

+/- 0.5 % of the full scale

Speed range

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

Motion

Height: 200 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

Strength – Speed – Distance – Temperature
 - Time – Measuring probe – Load sensor -
 Date/hour - Choice of strength units: gram or Newton

Languages

French/English/Turkish/German/Italian/Korean/
 Portuguese/Ukrainian/Russian

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

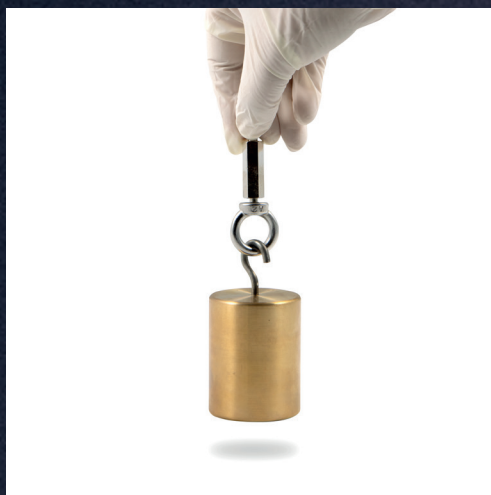
USB Host Port -
 Compatible PCL/5

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 – Tensile – 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



CALIBRATION KIT

OPTIONS & ACCESSORIES



- Probes.
- Fixtures.
- Barcode reader.
- Touch screen protector.
- Calibration Kit : 10-20N (Ref. 150060) ; 50-250N (Ref. 150070) ; 500N (Ref. 150080).
- RheoTex software.
- Load sensor : 10N (Ref. N150010) ; 20N (Ref. N150020) ; 50N (Ref. N150050) ; 100N (Ref. N150100) ; 250N (Ref. N150250) ; 500N (Ref. N150500).
- Emergency stop button (Ref. 100700)

