TEXTURE ANALYZER

TX-700 - TX-900

/ 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.

AVAILABLE INSTRUMENTS

TX-700	
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

TX-900	
Reference	**Designation**
N159010	TX-900 TEXTURE ANALYZER - 10N
N159020	TX-900 TEXTURE ANALYZER - 20N
N159050	TX-900 TEXTURE ANALYZER - 50N
N159100	TX-900 TEXTURE ANALYZER - 100N
N159250	TX-900 TEXTURE ANALYZER - 250N
N159500	TX-900 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 / 1 Microfiber cloth.

LAMY RHEOLOGY INSTRUMENTS

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
TX-700 Travel : 200 mm - TX-900 Travel : 400 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

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	**Printer connection**
RS232 Port	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
TX-700: D610 x W340 x H710 mm. Weight: 25 kg
TX-900: D610 x W340 x H970 mm. Weight: 27 kg

CALIBRATION KIT (p57)

➕ - **OPTIONS & ACCESSORIES**

- Probes (p52-53).

- Fixtures (p53-55).

- Barcode reader (p70).

- Touch screen protector (p70).

- Calibration Kit : 10-20N (Ref. 150060) ; 50-250N (Ref. 150070) ; 500N (Ref. 150080).

- RheoTex software (p72-73).

- 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)

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Available in the UK:
01582 704807
www.meritics.com
info@meritics.com

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