

# 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.

## 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

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

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

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)

# DASTEC

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## 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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