The tactile texture analyzer

With its wide range of probes and cells, 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 integrate 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 cells.
- Interchangeables force sensors.
- Heigh adjustable tray.
**SPECIFICATIONS**

**Type of instrument**
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 (25 kg), Resolution 0.01 N (1 g)
- 500 N (50 kg), Resolution 0.01 N (1 g)

**Accuracy**
+/- 0.05 % of the full scale

**Speed range**
From 0.1 to 10 mm/s +/-0.2 %

**Motion**
Height: 370 mm / Resolution: 0.1 mm

**Temperature**
The TX-700 has a PT 100 sensor to measure your sample’s temperature from -50°C to +300°C

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

**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.

**Language**
French/English/Russian/Spanish

**Compatible accessories**
All probes and cell

**Supply voltage**
90-240 VAC 50/60 Hz

**PC connections**
RS232 Port and USB

**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 key. External control thanks to the optional software.

**Options**
- Calibration kit :  
  - 10-20N (PN 150060)
  - 50-250N (PN 150070)
  - 500N (PN 150080)
- Software RheoTex (PN N311000 + license PN N311777)

**Dimensions and weight**
D610 x W340 x H650 mm
Weight: 22 kg

**ACTIVITY DOMAINS**

- Food Industry
- Cosmetics pharmaceuticals
- Paint / ink / coatings
- Chemical / petroleum products
- Car industry
- Building materials
- Teaching

**AVAILABLE INSTRUMENTS :**

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<th>Part Number</th>
<th>Instrument Designation</th>
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<td>N151010</td>
<td>TX-700 - 10 N TEXTURE ANALYZER</td>
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<td>N151020</td>
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<td>TX-700 - 500 N TEXTURE ANALYZER</td>
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