

LABWAN TEXTURE ANALYSER

Product Description

The LABWAN LWTA-600 Texture Analyser is a versatile texture analysis solution designed for laboratory and production applications. With a wide range of probes and fixtures, it provides convenient and reliable texture analysis through its 7-inch colour touch screen, which allows direct viewing of measurement curves. The instrument supports programming and recording of test methods, storage and analysis of measurements, and USB data transfer, making it suitable for efficient and flexible texture analysis applications.

Features

- Integrated temperature probe
- Direct curve display
- Programming and recording of methods
- Data recording and USB transfer
- Wide range of probes and fixtures
- Interchangeable force sensors
- Height-adjustable tray
- Compatible with RheoTex software
- 7-inch colour touch screen
- Storage of measuring methods
- Data backup and export through USB

Applications & Uses

- Texture analysis in laboratory applications
- Texture testing in production areas
- Compression testing
- Traction testing
- Relaxation testing
- TPA cycle testing
- Penetrometry
- Relative compression testing

WHAT'S INCLUDED WITH DEVICE?

- 1 Interchangeable force sensor.
- 1 Temperature probe Pt100 (-50°C a 300°C)
- 1 Height adjustable tray.
- 1 Touch screen stylus.
- 1 User manual.
- 1 Calibration and checking certificate.
- 1 Microfiber cloth.



OPTIONS & ACCESSORIES (At Extra Cost)

- 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: 1N (Ref.: N150010); 20N (Ref.: N150020); 50N (Ref.: N150050); 250N (Ref.: N150250); 500N (Ref.: N150500).



Technical Specifications

Parameter	Specification
Type of Device	Texture Analyzer operating in Compression and Traction with 7" Touch screen
Choice of Sensors	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
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 LI-TA6900 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