



TEXTOR 3 Texture Analysis

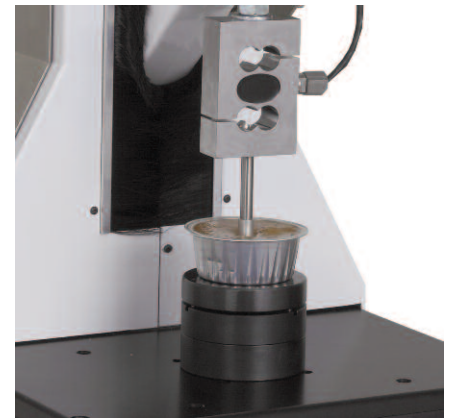


Automate your texture measurements

For measurements of texture, consistency, firmness ANDILOG develops a texture analyzer, the TEXTOR III.

Automatic and simple, it is ideal for compression and tension tests. Ideal for Food and Pharmaceutical applications, it can be easily setup on labs in order to perform your test on butter, fruit, gels, sauces ... Available with several measuring sensors capacities, choice of load ranges from: 10N, 20N, 50N, 100N up to 1000N (1Kg to 100Kg); Our texture analyzer shows the curve of the test directly on its touch color screen: penetration force versus time or penetration force versus displacement. It can be connected to a computer for data analyzing, recording and reporting.

A wide range of penetrators/probes and accessories (cylinders, cones, plates, spheres, needles) are available to meet different types of food, gels or pastes applications.



The standard system is supplied with a measuring head sensor 100N and a spherical penetrator.



System includes:

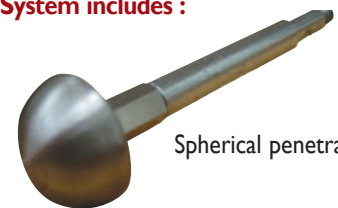
- Motorized test Stand STENTOR II – 1000
- Force Sensor capacity 100N
- Spherical penetrator

- Certificate of calibration linked to COFRAC

Examples of Parameters Measured :

- Maxima
- Maximum Force on a windows time
- Time to reach force value
- Average force during the test
- Break detection
- First Peak

System includes :



Spherical penetrator

Dimensions and Mechanical specifications

SPECIFICATIONS	TEXTOR 3
Capacity	1 kN
Travel	200 mm
Displacement resolution	0.01 mm
Displacement accuracy	0.05 mm
Maximum vertical space	430 mm
Adjustable speed in mm/min	10 à 350
Speed resolution	1 mm/min
Speed accuracy	5 %

SPECIFICATIONS	TEXTOR 3
Manual high speed	350 mm/min
Mechanical stops	Yes
Software stops	Yes
Stop on force	Yes
Cycles	Yes
Worktable dimensions	200 x 300 mm
Overall dimensions	851 x 345 x 500
Weight	50 kg

Features and specifications

FEATURES	TEXTOR 3
Accuracy	0,5 % FS
Resolution	1/10 000 FS
Sampling rate	1000 Hz
Overload protection	200% FS
Units	N, Lb, Kg, g, Oz
Bargraph	√
Peak in tension and compression	√
Display peak and current reading in the same time	√
Display of the curve force / deflection	√
Tare	√
Force limit	√
Average and standard deviation Calculs	√

FEATURES	TEXTOR 3
Memory	1000 results, 1 curve
Emergency stop	√
Automatic recognition of additional sensors	√
Available force sensors	10N ,20N, 50N, 100N, 1000N
Manual high speed	√
Auto return	√
Automatic and manual tare	√
Automatic calculations (Break, average...)	√
Safety guard	Option
RS232 output	Current value, extrema, calculation
USB output	Current value
USB sampling rate	500 values / seconde

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TECHNOLOGIES 



Design and innovation to make your test easy

Mechanical stops (adjustable)



Large range of available remote force sensors



Large threaded working table to be used with different grips and fixtures

Separate control panel to setup the displacement of the test stand

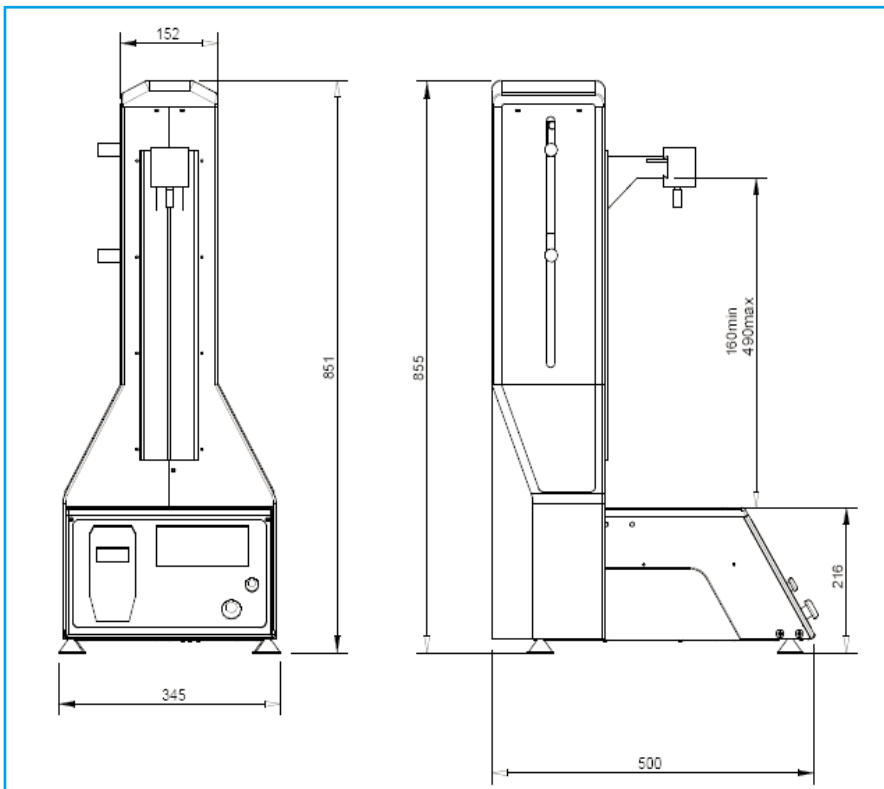
One button to start and stop the tests

User friendly



Display curve of force vs. deflection on a color touch screen

Dimensions



Options - Softwares



Compatible Caligraph software: Software to download curves on the computer through RS232 or USB.

Compatible RSIC software : download your results directly to Microsoft excel.



USB Memory Stick technology to save your data directly on a USB stick without a computer

TECHNOLOGIES 

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ISO 9001:2008 certified

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