



TEXTOR 3 Texture Analysis

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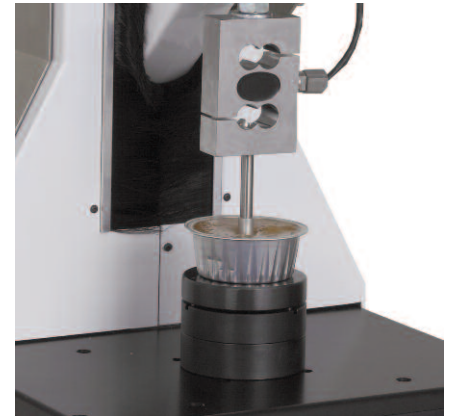
Automate your texture measurements

For measurements of texture, consistency, firmness COM-TEN 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: 2 lb, 4 lb, 20 lb up to 200 lb (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 20 lb and a spherical penetrator.

System includes:

- Motorized test Stand STENTOR II – 1000
- Force Sensor capacity 20 lb
- 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	SPECIFICATIONS	TEXTOR 3
Capacity	200 lb	Manual high speed	14 in/min
Travel	8 in	Mechanical stops	Yes
Displacement resolution	0.0004 in	Software stops	Yes
Displacement accuracy	0.002 in	Stop on force	Yes
Maximum vertical space	17 in	Cycles	Yes
Adjustable speed in in/min	0.4 up 12.0	Worktable dimensions	8 in x 12 in
Speed resolution	0.04 in/min	Overall dimensions	33 x 13 x 17
Speed accuracy	5 %	Weight	110 lb

Features and specifications

FEATURES	TEXTOR 3	FEATURES	TEXTOR 3
Accuracy	0,5 % FS	Memory	1,000 results, 1 curve
Resolution	1/10,000 FS	Emergency stop	✓
Sampling rate	1,000 Hz	Automatic recognition of additionnal sensors	✓
Overload protection	200% FS	Available force sensors	2 lb ,4 lb, 10 lb, 20 lb, 200 lb
Units	N, Lb, Kg, g, Oz	Manual high speed	✓
Bargraph	✓	Auto return	✓
Peak in tension and compression	✓	Automatic and manual tare	✓
Display peak and current reading in the same time	✓	Automatic calculations (Break, average...)	✓
Display of the curve force / deflection	✓	Safety guard	Option
Tare	✓	RS232 output	Current value, extrema, calculation
Force limit	✓	USB output	Current value
Average and standard deviation Calculs	✓	USB sampling rate	500 values / seconde

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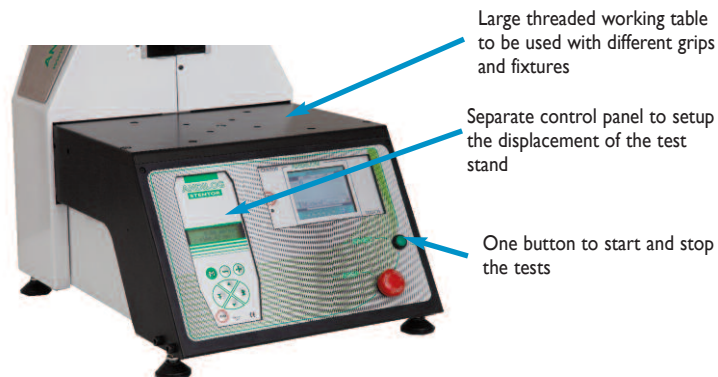
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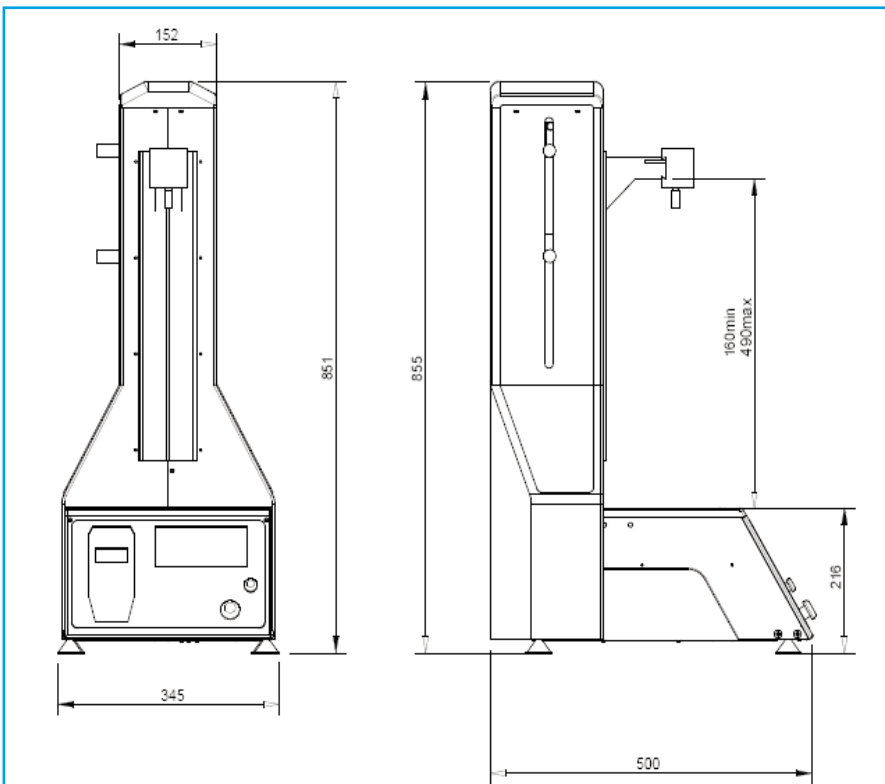
Design and innovation to make your test easy



User friendly



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

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ISO 9001:2008 certified