

# TOPLOAD 1000 / 2500

## Bottle and packaging testing

TECHNOLOGIES >>  
**ANDILOG**



### Topload tester for bottles

The TopLoad 1000/2500 bottle crushing systems are specially designed to provide an easy method for carrying out compression tests on bottles and small containers. The instrument can be used in the workshop or laboratory. It is fitted with a wide plate. It can apply force of 1000 N and it can be used for bottles up to a height of 400mm.

The force gauge shows force applied and the maximum compression force directly. The displacement display determines the value of

the compression movement. The control console is used to start the test, to control fast upward and downward movement and to adjust the test parameters such as the speed between 10 and 350mm / min for raising and lowering the crosshead. The speed and displacement values are continuously shown on the console display.

Also Available in a 2,000N capacity. The system is supplied with a Ø 50mm fixed plate.

#### Included :

- Test stand STENTOR II
- One force sensor
- Compression plate Ø 50 mm

- Support plate Ø 100 mm
- Certificate of calibration linked to COFRAC

### Models et capacities

SPECIFICATIONS	TOPLOAD 1000	TOPLOAD 2500
Capacity	1 kN	2 kN
Travel	200 mm	300 mm
Displacement resolution	0,01 mm	0.01 mm
Displacement accuracy	0.05 mm	0.05 mm
Maximum vertical space	430 mm	530 mm
Adjustable speed in mm/min	10 to 350	10 to 350
Speed resolution	1 mm/min	1 mm/min
Speed accuracy	5 %	5 %
Manual high speed	350 mm/min	350 mm/min
Mecanical stops	Yes	Yes
Software stops	Yes	Yes
Stop on force	Yes	Yes
Cycles	Yes	Yes
Worktable dimensions	200 x 300 mm	200 x 300 mm
Overall dimensions	855 x 345 x 500	947 x 345 x 500
Weight	40 kg	50 kg
Power	110V / 220 V	110 / 220 V

#### Type of tests :

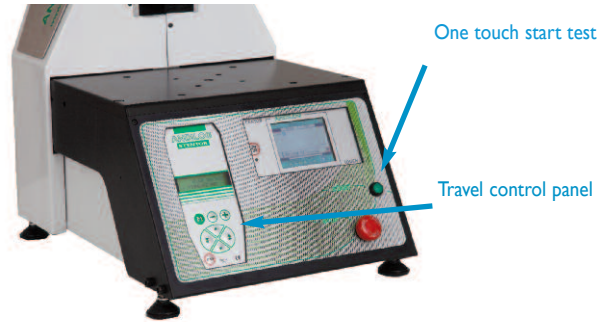
- **Force at break** : Automatic calculation of the break and peak force with automatic high speed return to the start position.
- **Force at a travel** : Automatic calculation of the force when the bottle is compressed at a travel. Automatic high speed return to the start position.

### Specifications

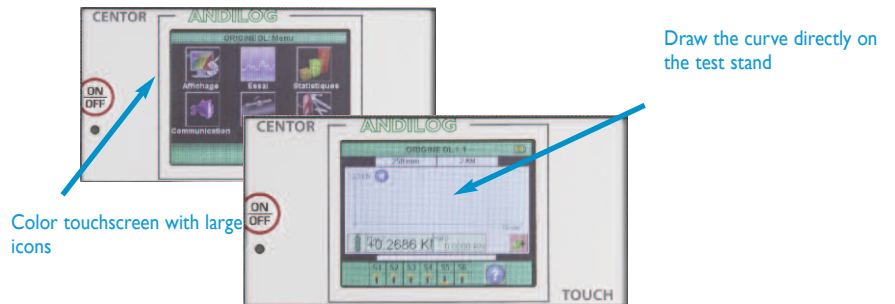
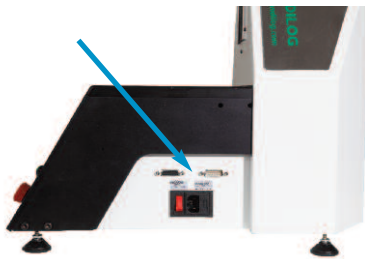
FEATURES	TOPLOAD	FEATURES	TOPLOAD
Accuracy	0,5 % Full scale	Memory	1000 results, 1 curve
Resolution	1/10000 Full scale	Emergency stop	√
Sampling rate	1000 Hz	Automatic recognition of additional sensors	√
Overload protection	200% FS	Available force sensors	20N, 50N, 100N, 200N, 500N, 1kN, 2kN
Units	N, Lb, Kg, g, Oz	Manual high speed	√
Auto-off	Adjustable 5 to 15 minutes,	Auto return	√
Bargraph	√	Automatic and manual tare	√
Peak in tension and compression	√	Automatic calculations (Break, average...)	√
Display peak and current reading in the same time	√	Safety guard	Option
Display of the curve force / deflection	√	RS232 output	Current value, extrema, calculation
Tare	√	USB output	Current value
Force limit	√	USB sampling rate	1000 values / second
Average and standard deviation	√		

# TOPLOAD 1000 / 2500 Bottle and packaging testing

TECHNOLOGIES →  
**ANDILOG**

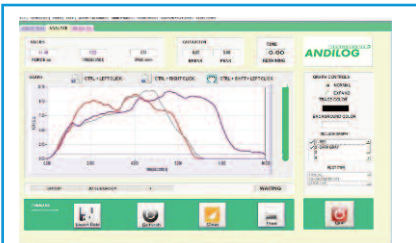


RS232, USB and TTL outputs



## Options - Softwares

## Dimensions

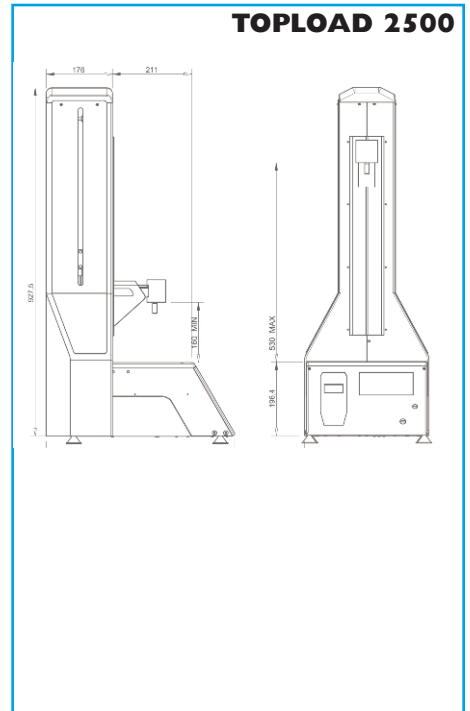
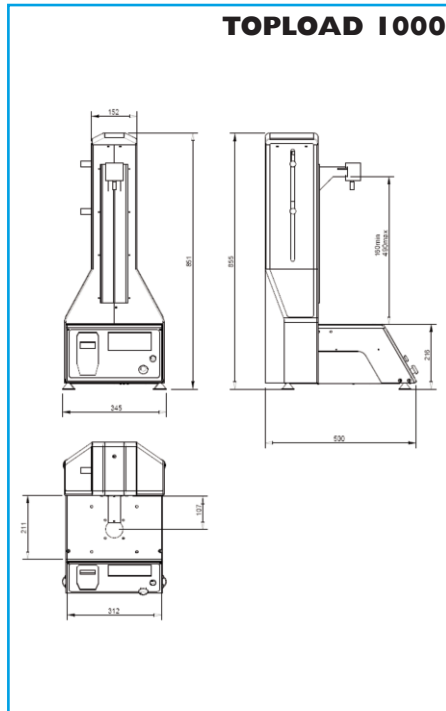


Compatible Caligraph software: Software to download curves on the computer thru RS232 or USB

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



Cible Datastick: SD memory card reader to save your data directly on the card without a computer



TECHNOLOGIES →  
**ANDILOG**



ISO 9001:2008  
Certified

**ANDILOG Technologies**

BP 62001

13845 Vitrolles Cedex 9 - France

info@andilog.com • www.andilog.com

Tél. : +33 820 888 202 • Fax : +33 820 888 902