

UNIVERSAL TESTING MACHINES STENTOR II CC & ATLAS II CC

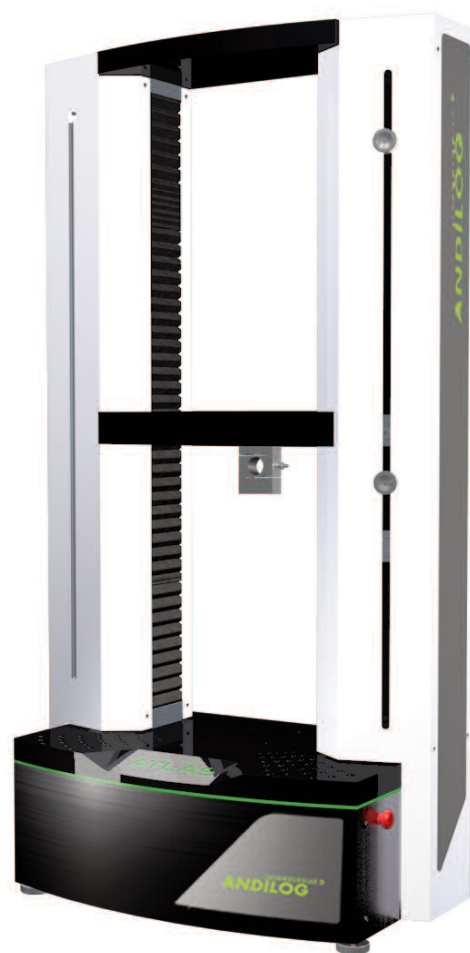


The product line STENTOR II CC and ATLAS II CC

STENTOR II CC

The single column testing machine up to 5kN

- 3 models: 1kN, 2kN and 5kN
- 2 sizes: 200mm and 300mm travel
- For small size samples and low capacities force range
- Small tabletop footprint with a large work space, suitable for quality control, production and laboratory environments.
- For a wide range of applications and test types, among: packaging testing, pharmaceutical testing, electronic testing, rubber, cosmetic testing, automotive testing...
- Optional safety guard can be integrated for your testing needs



ATLAS II CC

The Twin column bench for testing up to 50kN

- 3 Models: 10 kN, 20 kN, 50kN. Travel: 900mm
- Expanded work table suitable for testing very large sample or testing high elongation materials
- Wide range of grips and fixtures
- Available with different load rating, thanks to our SPIP automatic recognition of additional sensors.
- For a safe work area the ATLAS II can be equipped with a safety guard option

Quality down to the last detail

STRENGTH and PRECISION

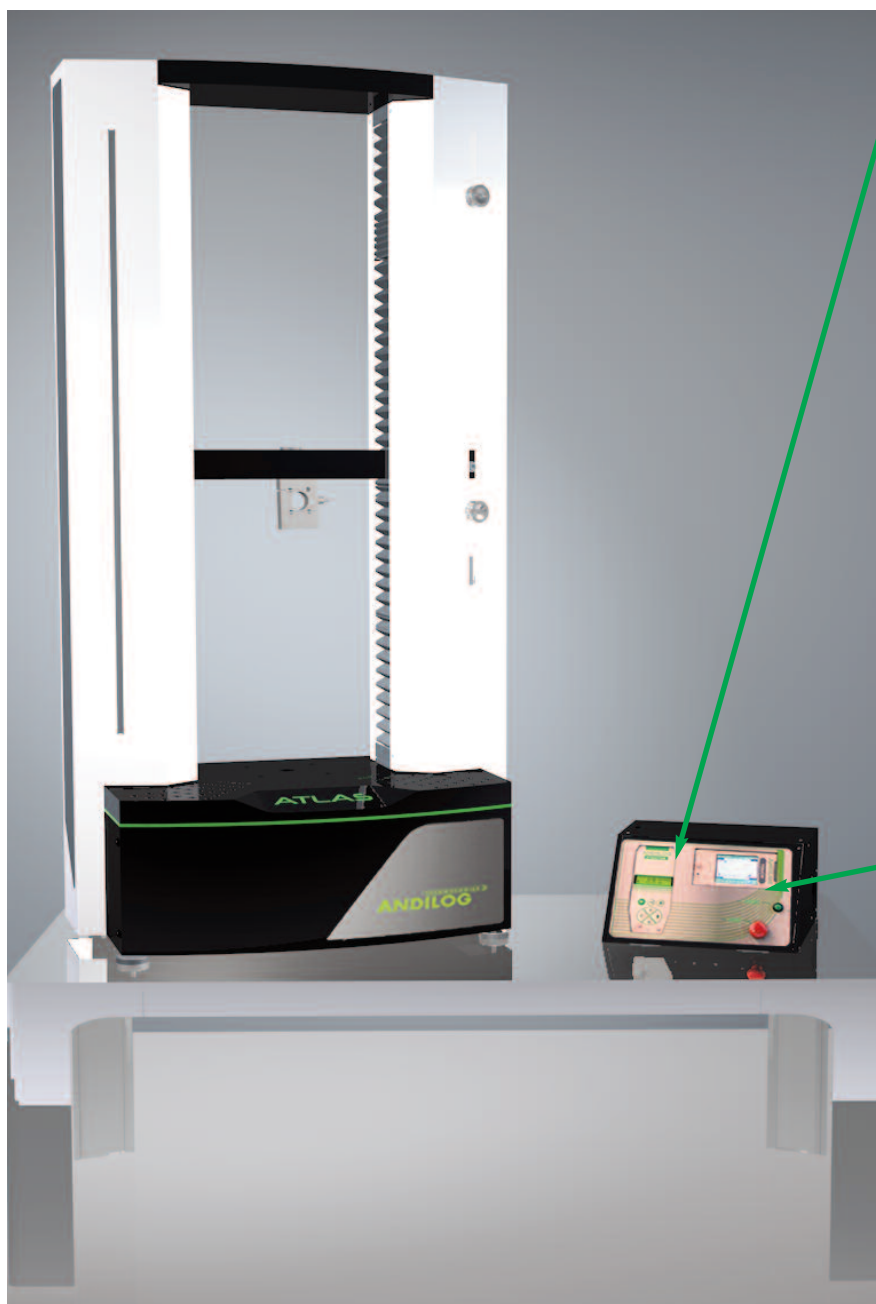
The material testing equipments STENTOR II CC and ATLAS II CC are designed to provide the best mechanical properties to guarantee reliability of your measurements:

- Pre-loaded ball screws
- Crosshead guidance system
- Symmetrical drive
- T-slot table
- Accessories guideway
- Quick interchangeable load cell setup



The manual motor command allows a smooth crosshead displacement to get into position before starting the measurements or to adjust first tests.

The console displays speed and deflection information in real time. Variable speed adjustments are also available from the console.



The material testing equipments can be used easily and as standalone thanks to the color touch screen of the measurements interface.

The screen displays force and deflection measurements in real time.

Test Automation and customization

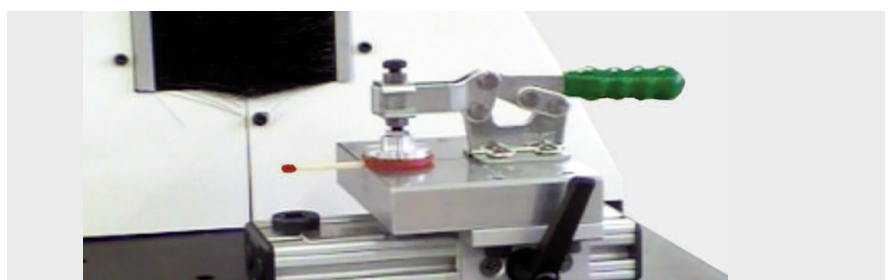
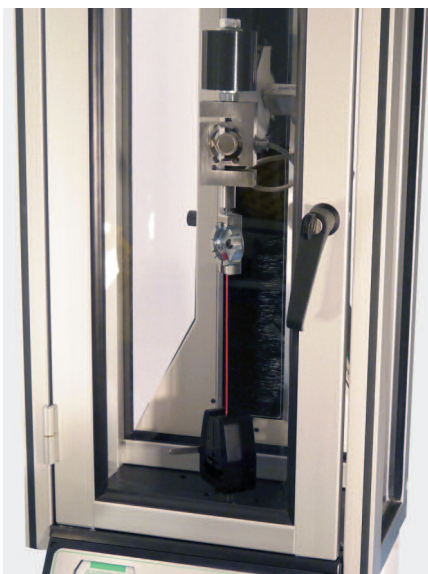


For each test its own dedicated solution

Our product line of material testing equipment STENTOR II CC and ATLAS II CC can perform several different types of tests and on different types of sample. We know at Andilog that each measurement is unique. Our wide range of standard grips, fixtures, jig, probe matches your specific need.

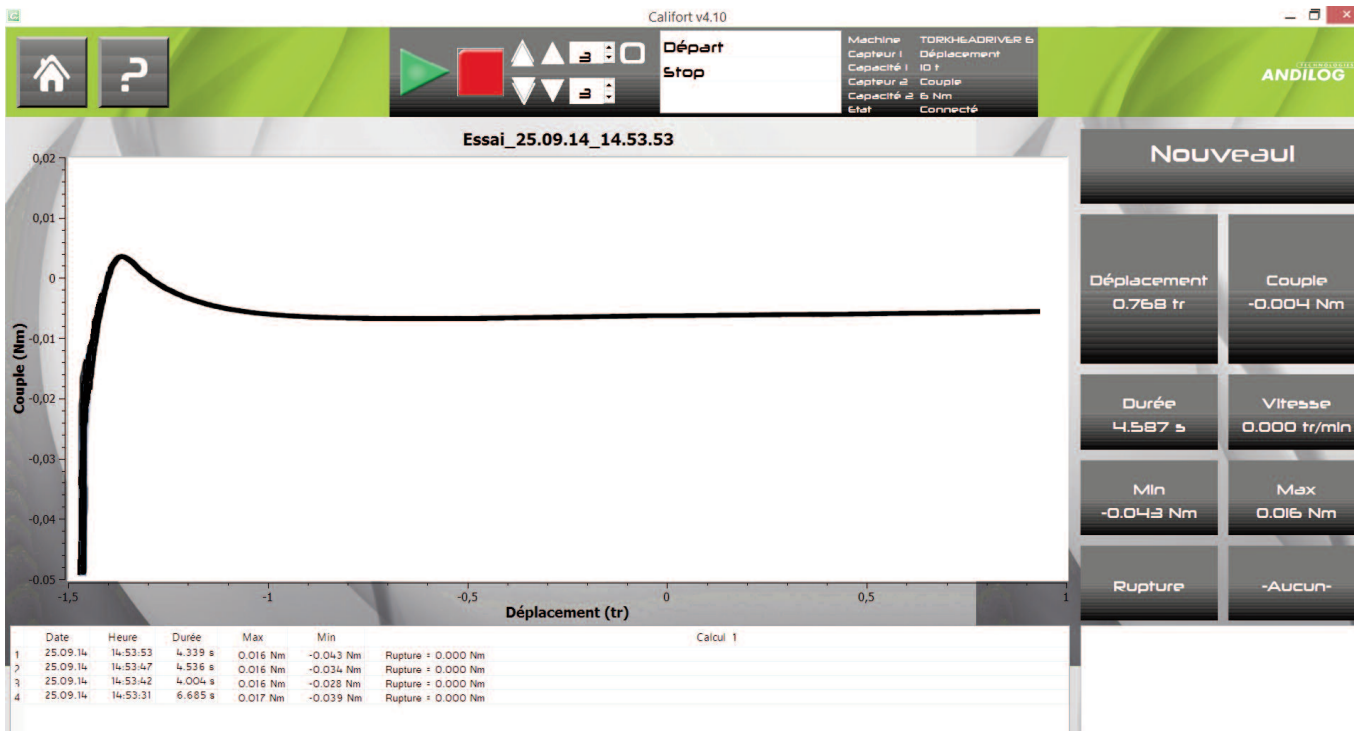
We define with you the best solution for your specific needs and our engineers are always available to provide precise advice on the most appropriate fixture suitable for your specific measurements. We can work with you on your project and requirements, in order to propose a standard or build a customized system.

Thanks to an extensive range of adapted solutions, we cover ASTM, ISO, EN, DIN and other standard requirements.



Califort – the Material testing software

Califort provides you an immediate solution ready to use, load a test configuration and measure!



Simple, safe and intuitive

Simply press the green arrow and your tests and measurements start. There is no easier way to begin. User has access to the most important data of his measurement and a limited access to the test configurations.

Califort's menus have been redesigned for an ergonomic and easier user experience, which minimized the training time on how to use the equipment.

Califort software offers and ensures integrity and traceability of your results, thanks to the password protection access, or automatic backup by examples



Simple operation

Califort – the Material testing software

We take you through the easy process of setting your tests

The Califort software uses simple tools to define your test protocols. Setting your test is done sequentially and has an intuitive flow. The test configuration is guided by a step by step process, and no programming knowledge is required. By following the simple sequences of the various stage of defining your test, you quickly build advanced multi-stage test routines. Choose among the following available parameter to customize your test:

- Type of data to graph
- Calculations to display: maximum, average, break, elongation,...
- The Multi-stages of your test (start, return condition, preload, speed, direction, pause time, ...)
- Number of cycles and conditions
- The conditions for success measures

Equipement

Machine: STENTORII 2500

Capteur: 2000,00 N

Axe X: Déplacement - Inverser le signe

Axe Y: Force + Inverser le signe

Pilotage: ☒ mm/min

Unités affichées

Effort: N

Déplacement: mm

Temps: s

Calculs

Début / fin test

Séquences

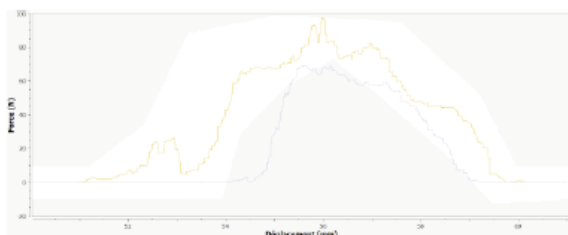
Cycles

ANDILOG

RAPPORT D'ESSAI

Edité par :
ANDILOG
Immeuble les bouleaux
ZA de Couperigne
13127 Vitrolles

Machine : STENTORII 2500
Capteur Force 2000 N
Nom de la configuration : topload



	Notes	Durée	Max	Min	Calcul 1	Marqueur
24.09.14_18.32.28	Courbe hors gabarit	9,083 s	69,400 N	-0,200 N	Maximum	
24.09.14_18.32.10		9,043 s	97,400 N	-0,400 N	Maximum	

Document généré par Califort v4.10 beta 9 le jeudi 25 septembre 2014

Edit your test reports

At the end of the test, Califort allows you to analyze your results and create test reports, including curves, and list of calculations. Reports can be edited through Microsoft Word or PDF format. Use the wizard to create your custom reports by including your own logo and company details.

Raw data are also available, for further investigation or simply to export them on a table spreadsheet.

Technical specifications

MECHANICAL	STENTOR 1	STENTOR 2	STENTOR 5	ATLAS 10	ATLAS 20	ATLAS 50
Capacity	1 kN 200 lbf	2 kN 500 lbf	5kN 1,000 lbf	10 kN 2,000 lbf	20 kN 5,000 lbf	50 kN 10,000 lbf
Travel	200 mm 7.9 in	300 mm 11.8 in	300 mm 11.8 in	900 mm 35.4 in	900 mm 35.4 in	900 mm 35.4 in
Vertical space	350 mm 13.8 in	450 mm 17.7 in	450 mm 17.7 in	950 mm 37.4 in	950 mm 37.4 in	950 mm 37.4 in
Width between columns / Depth	105 mm 4.1 in	105 mm 4.1 in	105 mm 4.1 in	350 mm 13.7 in	350 mm 13.7 in	350 mm 13.7 in
Minimum speed	3 mm/min 0.1 in/min	3 mm/min 0.1 in/min	3 mm/min 0.1 in/min	1 mm/min 0.04 in/min	1 mm/min 0.04 in/min	1 mm/min 0.04 in/min
Maximum speed	350 mm/min 13.7 in/min	350 mm/min 13.7 in/min	300 mm/min 11.8 in/min	250 mm/min 9.8 in/min	250 mm/min 9.8 in/min	150 mm/min 6 in/min
Return speed	350 mm/min 13.7 in/min	350 mm/min 13.7 in/min	300 mm/min 11.8 in/min	250 mm/min 9.8 in/min	250 mm/min 9.8 in/min	150 mm/min 6 in/min
Dimensions: L x D x H	345x 500x851 mm 13.58x19.68x33.5 in	345x500x951 mm 13.58x19.68x37.44 in			770x455x1473 mm 30.32x17.91x58 in	
Weight	30 kg 66 lb	40 kg 88 lb	45 kg 100 lb	200 kg 440 lb	200 kg 440 lb	250 kg 550 lb
Supply voltage	220V 110 V	220V 110V	220V 110V	220V 110V	220V 110V	220V 110V

MEASURE	STENTOR 1	STENTOR 2	STENTOR 5	ATLAS 10	ATLAS 20	ATLAS 50
Load cell capacity	9 load cells to choose from 10N to 5000N (2 lbf à 1,000 lbf)			12 load cells to choose from 10N to 50 kN (2 lbf à 10,000 lbf)		
Load cell accuracy	0.1% PE	0.1% PE	0.1% PE	0.1% PE	0.1% PE	0.1% PE
Load cell resolution	1 / 10 000	1 / 10 000	1 / 10 000	1 / 10 000	1 / 10 000	1 / 10 000
Speed accuracy	0.5 %	0.5%	0.5 %	0.5 %	0.5 %	0.5%
Speed resolution	0.02 mm	0.02 mm	0.02 mm	0.02 mm	0.02 mm	0.02 mm

CONTROL	STENTOR 1	STENTOR 2	STENTOR 5	ATLAS 10	ATLAS 20	ATLAS 50
Interface	displays force and displacement in real time					
Motor	command: through the manual command or through Califort software					
PC interface	required 2 USB ports (cables included)					
Baud rate	adjustable from 100hz to 1000Hz					
Minimum requirements	Windows Vista, Windows 7, Windows 8, Microsoft Word or open document (for report edition), screen 1024x768					

General working conditions:

- Working Temperature: 10°C to +35°C
- Humidity: normal condition for laboratory or industrial
- The material testing equipment should be used on a flat, stable and not subject to vibration environment.

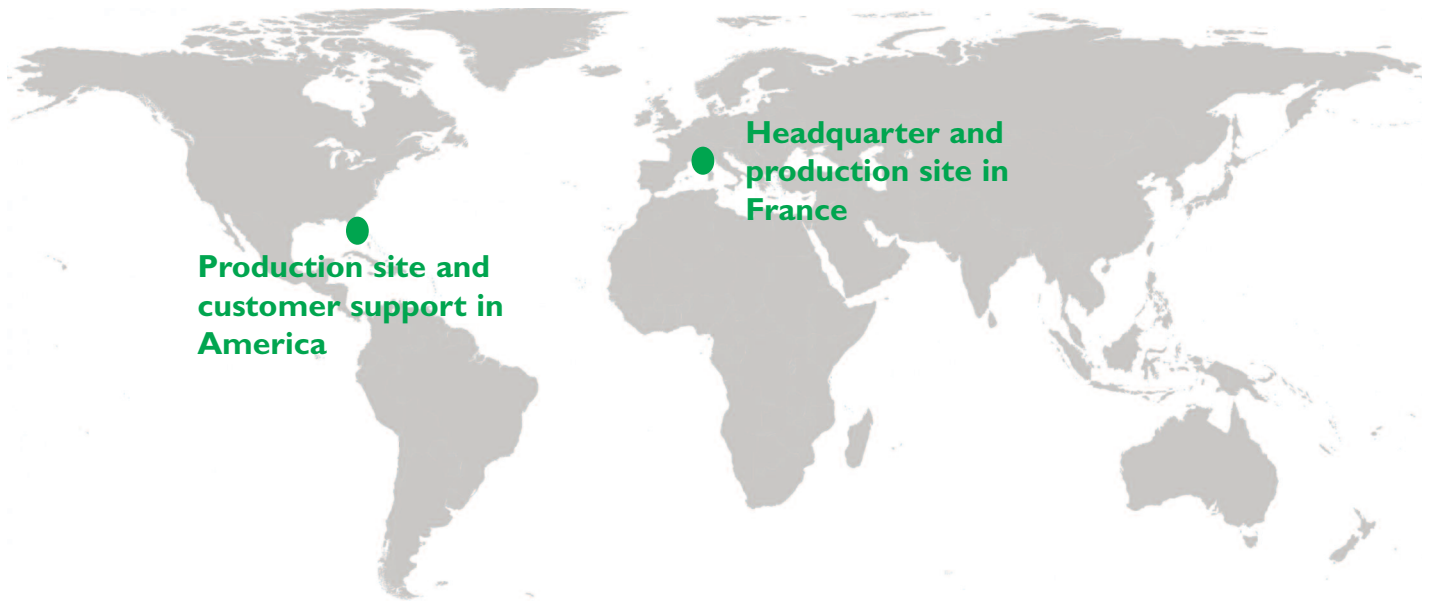
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