



UNIVERSAL TESTING MACHINES

STENTOR II CC - ATLAS II CC - T-DRIVE CC



The product lines STENTOR II CC, ATLAS II CC & T-DRIVE



STENTOR II CC

A single column testing machine for up to 5kN (1,000 lbs)

- 3 models: 1kN, 2kN, 5kN (200 lbs, 500 lbs, 1,000 lbs)
- Travel: 250mm and 350mm (9.8 in and 13.8 in)
- For small size samples and low capacities force range
- Small tabletop footprint with a large work space making it suitable for quality control, production and laboratory environments
- For a wide range of applications and test types including: packaging testing, pharmaceutical testing, electronic testing, rubber, cosmetic testing, automotive testing etc.
- Optional safety guard can be integrated for your testing needs

ATLAS II CC

A Twin column bench for testing up to 50kN / 10,000lbs

- 3 Models: 10 kN, 20 kN, 50kN (2000 lbs, 5000 lbs, 10,000 lbs)
- Travel: 900 mm (35.4 in)
- Expanded work table suitable for testing very large samples or testing high elongation materials
- Wide range of grips and fixtures
- Available with different load ratings due to SPIP automatic recognition of additional sensors.
- For a safe work area the ATLAS II can be equipped with a safety guard option



T-DRIVE CC

Tensile testing machine up to 20 kN / 4,000 lbs

- 3 capacities: 5kN, 10 kN, 20kN (1,000 lbs, 2,000 lbs, 4,000 lbs)
- 3 travels: 508 mm, 762 mm and 1 016 mm (20 in, 30 in and 40 in)
- Only for tensile testing
- Economical solution for high capacity tensile testing. Designed to test cables, terminals, plastics, metals, etc.

Quality down to the last detail

STRENGTH & ACCURACY

The material testing equipment STENTOR II CC, T-DRIVE CC and ATLAS II CC are designed to provide the best mechanical properties to guarantee reliability of your measurements. Depending on your test system you will find:

- Pre-loaded ball screws
- T-slot table
- High accuracy shafts
- Accessories guideway
- Symmetrical drive
- Quick connect load cells



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.



Our material testing equipment can be used easily and as standalone via the color touch screen of the measurements Interface.

The screen displays force and deflection measurements in real time.

Test Automation and customization

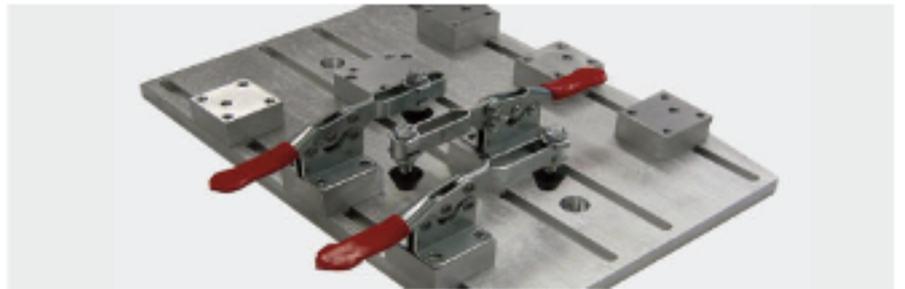


A dedicated solution for each test different types of samples.

Our product line of material testing equipment STENTOR II CC, T-DRIVE 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, jigs, and probes match your specific needs.

We will help you discern the best solution for your specific needs and our engineers are always available to provide individualized advice on the most appropriate fixture suitable for your specific measurements. We can work with you on your project and requirements 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.



Driving and test software Califort

Califort - Advanced material testing software

The software Califort enables you to perform complex and precise force and torque measurements in all simplicity.

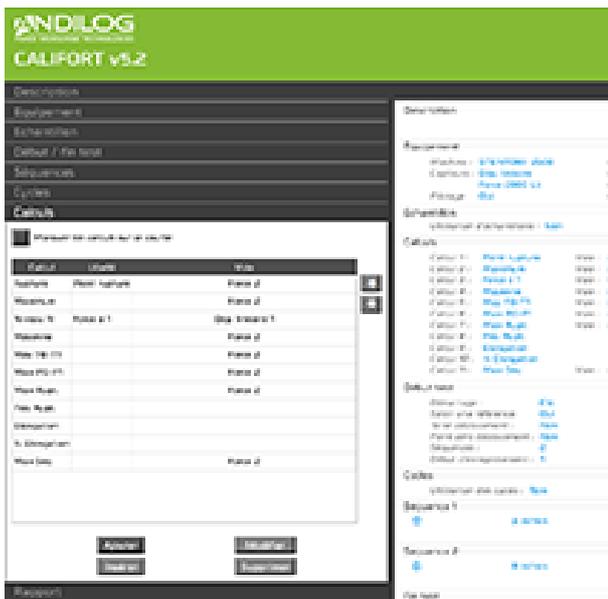
Califort offers you several benefits:

- **Intuitive** and preset for the users
- **Performing and handy** to customize your measurements
- **Customize** your reports and the result analysis



The new designed interface of Califort has been fully optimized to offer a better experience with a clear and well organized interface.

It facilitates reading and usability of the software for faster and efficient daily use. Califort remains available to use with Microsoft Windows tablets and touch screens thanks to its integrated virtual keyboard and suitable interface.



Infinite number of industrial applications

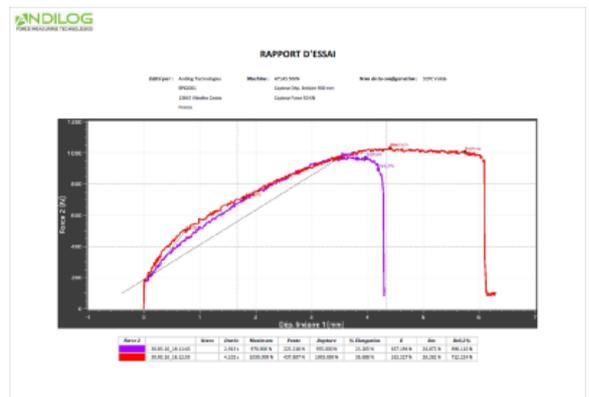
Califort is able to set the most demanding sequenced test protocols and comes with an extensive list of pre-defined calculations, which can be performed automatically during your tensile, compression or torsion test: maximum, minimum, average, or break as well as the Young's modulus, the modulus of elasticity etc.

Each sequence can be customized to run up, down, clockwise at different speeds and with a stop condition (i.e. breaking point, force at position, time, travel position etc.). It also offers a cycling feature for repetitive actions.

Customize your results

Califort has an advanced editor which enables the data integration into a report: curve, result chart, test configuration and customization of headers and footers on each report.

Califort is the turnkey software to support you in the programming of your tests and insures the optimal traceability of your results.

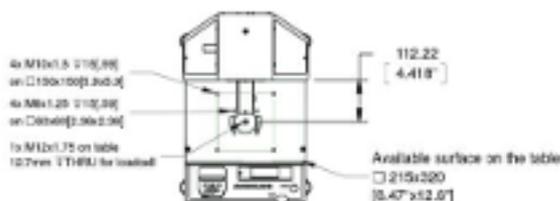
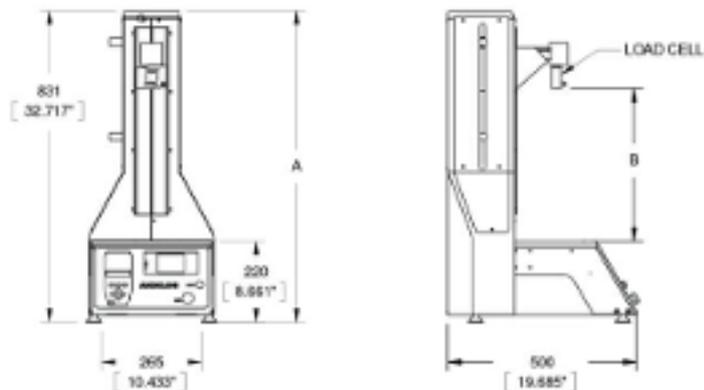


Technical specifications STENTOR

MECHANICS	STENTOR 1K CC	STENTOR 2K CC	STENTOR 5K CC
Capacity	1 kN / 200 lbf	2 kN / 500 lbf	5 kN / 1,000 lbf
Travel	250 mm / 9.8 in	350 mm / 13.8 in	350 mm / 13.8 in
Vertical space	400 mm / 15.7 in	445 mm / 17.5 in	445 mm / 17.5 in
Depth	105 mm / 4.2 in	105 mm / 4.2 in	105 mm / 4.2 in
Minimum speed	5 mm/min / 0.2 in/min	3 mm/min / 0.1 in/min	3 mm/min / 0.1 in/min
Maximum speed	700 mm/min / 27.6 in/min	350 mm/min / 13.8 in/min	300 mm/min / 11.8 in/min
Weight	30 kg / 66 lbs	40 kg / 88 lbs	45 kg / 100 lbs
Power supply	110V/ 220V	110V/ 220V	110V/ 220V

METROLOGY	STENTOR CC
Available load cells	10 N, 20 N, 50 N, 100 N, 200 N, 500 N, 1 kN, 2 kN, 5 kN 2 lb, 5 lb, 10 lb, 20 lb, 50 lb, 100 lb, 200 lb, 500 lb, 1,000 lb
Load accuracy	0.1% Full Scale
Load resolution	1/10 000 Full Scale
Displ. accuracy (no load)	0.1mm per 300mm / 0.004in per 12in
Travel resolution	0.002 mm / 0.0001 in
Measuring direction	Tension and compression
Sample rate	Adjustable from 100 Hz to 1,000 Hz
Compensation	Load cell and frame deflection compensation

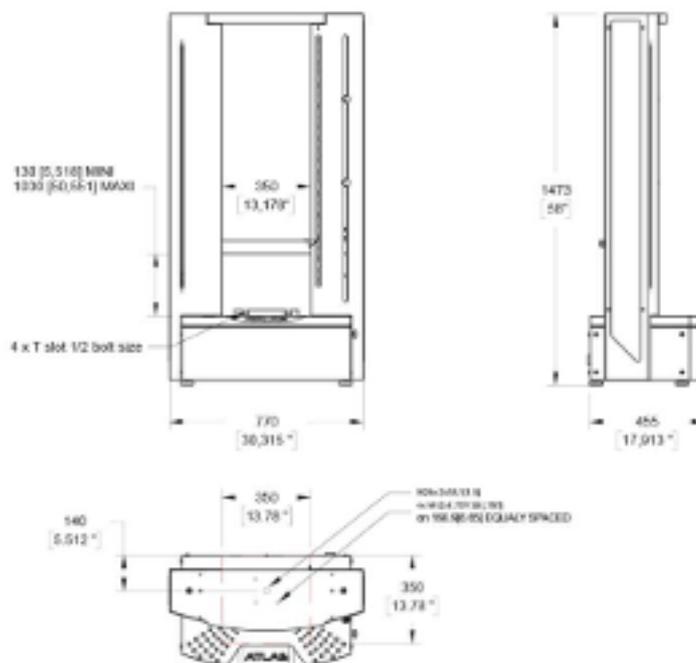
HEIGHT (A): 835/935/935mm 32.9/36.8/36.8 in
 MAXIMUM HEIGHT (B): 400/445/445mm 15.7/17.5/17.5 in



Technical specifications ATLAS

MECHANICS	ATLAS 10 CC	ATLAS 20 CC	ATLAS 50 CC
Capacity	10 kN / 2,000 lbf	20 kN / 5,000 lbf	50 kN/ 10,000 lbf
Travel	900 mm / 35.4 in	900 mm / 35.4 in	900 mm / 35.4 in
Vertical space	950 mm / 37.4 in	950 mm / 37.4 in	950 mm / 37.4 in
Width between columns	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
Maximum speed	250 mm/min / 9.8 in/min	250 mm/min / 9.8 in/min	150 mm/min / 6 in/min
Weight	200 kg / 440 lb	200 kg / 440 lb	250 kg / 550 lb
Power supply	110V/ 220V	110V/ 220V	110V/ 220V

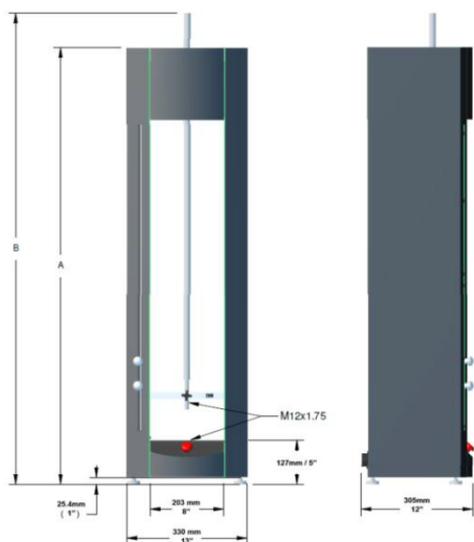
METROLOGY	ATLAC CC
Available load cells	10 N, 20 N, 50 N, 100 N, 200 N, 500 N, 1 kN, 2 kN, 5 kN, 10 kN, 20 kN, 50 kN 2 lb, 5 lb, 10 lb, 20 lb, 50 lb, 100 lb, 200 lb, 500 lb, 1,000 lb, 2,000 lb, 5,000 lb, 10,000 lb
Load accuracy	0.1% Full Scale
Load resolution	1/10 000 Full Scale
Displ. accuracy (no load)	0.1mm per 300mm / 0.004 in per 12in
Displ. resolution	0.002 mm / 0.0001 in
Measuring direction	Tension and compression
Data rate	Adjustable from 100 Hz to 1,000 Hz
Compensation	Load cell and frame deflection compensation



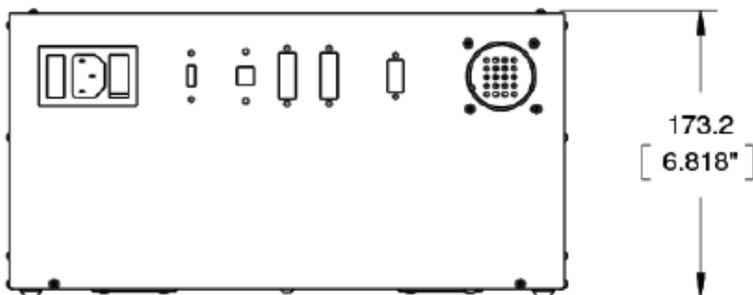
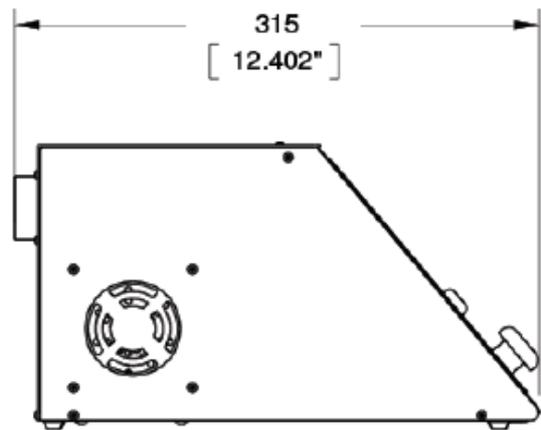
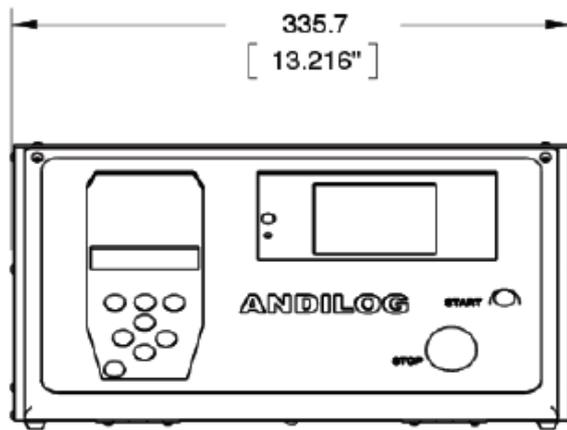
Technical specifications T-DRIVE

	T-DRIVE S1K CC	T-DRIVE S2K CC	T-DRIVE S4K CC
MECHANICS	T-DRIVE M1K CC	T-DRIVE M2K CC	T-DRIVE M4K CC
	T-DRIVE L1K CC	T-DRIVE L2K CC	T-DRIVE L4K CC
Capacity	5 kN / 1,000 lbf	10 kN / 2,000 lbf	20 kN / 4,000 lbf
Travel	S1K : 508 mm / 20 in M1K : 762 mm / 30 in L1K : 1 016 mm / 40 in	S2K : 508 mm / 20 in M2K : 762 mm / 30 in L2K : 1 016 mm / 40 in	S4K : 508 mm / 20 in M4K : 762 mm / 30 in L4K : 1 016 mm / 40 in
Space between columns	203 mm / 8 in	203 mm / 8 in	203 mm / 8 in
Minimum speed	13 mm/min / 0.5 in/min	10 mm/min / 0.4 in/min	6 mm/min / 0.25 in/min
Maximum speed	254 mm/min / 10 in/min	152 mm/min / 6 in/min	75 mm/min / 3 in/min
Weight	37 kg / 82 lb	40 kg / 88 lb	43 kg / 94 lb
Power supply	110V / 220V	110V / 220V	110V / 220V

METROLOGY	T-DRIVE CC
Available load cells	10 N, 20 N, 50 N, 100 N, 200 N, 500 N, 1 kN, 2 kN, 5 kN, 10 kN, 20 kN 2 lb, 5 lb, 10 lb, 20 lb, 50 lb, 100 lb, 200 lb, 500 lb, 1,000 lb, 2,000 lb, 5,000 lb
Load accuracy	0.1% Full Scale
Load resolution	1/10 000 Full Scale
Displ. accuracy	0.2 mm per 300 mm / 0.01 per 12 in
Displ. resolution	0.002 mm / 0.0008 in
Measuring direction	Tension only
Data rate	Adjustable from 100 Hz to 1,000 Hz
Compensation	Load cell and frame deflection compensation



Technical characteristics



General working conditions

- Temperature: 10 to 35 °C / 50 to 85°F
- Humidity: Normal conditions for laboratory or industrial
- Material testing equipment must be used on a flat, stable surface and not subject to vibration.
- The work surface should support the weight of the machine
- Computer: Windows 10, Microsoft Word or Open Document for report, minimum display resolution 1024 x 768
- 2 USB ports available on the computer
- All of our testing equipment can be provided with safety housing for operators security



ISO 9001:2015 Certified
Certificate #A529

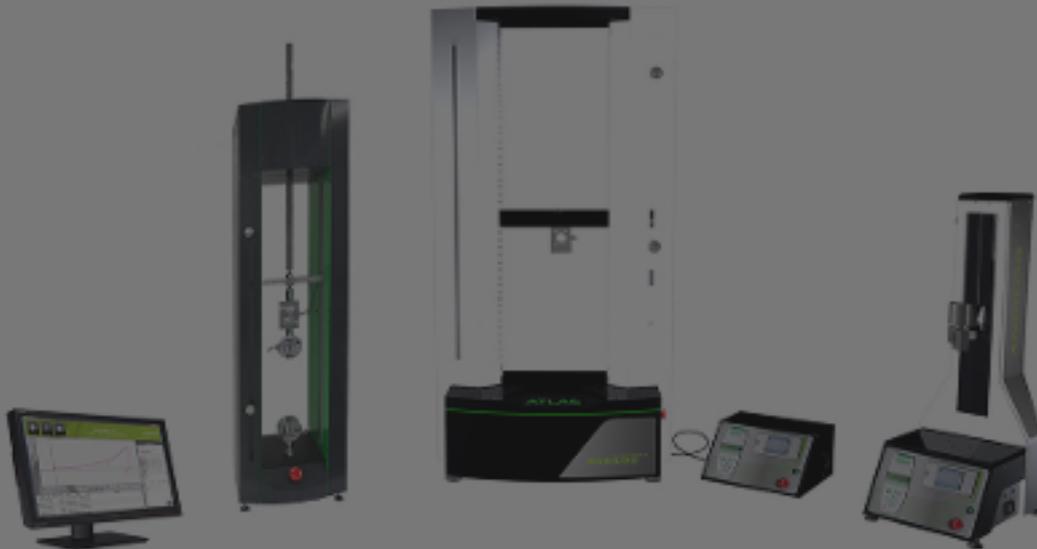
ANDILOG
FORCE MEASURING TECHNOLOGIES

System delivered with

- Testing machines Stentor CC, Atlas CC or T-Drive CC
- Software Califort
- 2 USB cables
- Load cell among the available capacities
- Load certificate of calibration linked to COFRAC / NIST

UNIVERSAL TESTING MACHINES

STENTOR II CC - ATLAS II CC - T-DRIVE CC



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