

FORECAST

Atlas News and Updates

Do you need Natural Weathering Testing?

When it comes to evaluating durability of materials, natural weathering testing is essential to ensuring you're covered against costly liability issues. Realistic simulation of natural weathering conditions is key to receiving good correlation from accelerated testing. Better control of test parameters helps to increase reproducibility. The Atlas standardization team is implementing these approaches into test method development with the goal to develop better international standards (ISO, IEC, ASTM, CEN).



The Atlas network of natural weathering facilities is the largest in the world — serving over 2,000 clients in 40 countries.

Advance Your Weathering Instrument Knowledge with Video Tutorials

Video tutorials offer valuable, quick, and straightforward guidance. To enhance your experience, Atlas provides clips that include step-by-step instructions for operating xenon instruments, changing lamps, filters, sensor batteries, and programming tests. Excitingly, we have recently introduced six new tutorials for XENOTEST[®] weathering instruments,

complementing our existing collection of SUNTEST[®] and Ci video tutorials.

Available in 5 languages — English, Chinese, German, Spanish, and French at atlas-mts.com. And soon in Japanese. You can also find them on Atlas' YouTube and Youku channels.



Atlas Software News

WXView II – Now available for SUNTEST® and XENOTEST® — Our proprietary data acquisition software is now available for SUNTEST XLS+ / XXL+ and XENOTEST 220+ / 440. Remotely monitor your test data wherever you are. WXView II provides access to live and archived test and instrument data via web browser anytime. And new multi-site monitoring functionality allows you to not only check on your local lab, you can now check on Atlas instruments in any of your labs across the world. With WXView II, you're never far from your testing data.



Atlas Instrument News



XENOTEST 440 and 220+

XENOTEST® Series – New, expanded testing capabilities — XENOTEST rotating rack instruments are the cost-effective and space-efficient solution for xenon testing. Built for standard weathering tests of up to 38 flat specimens with a thickness of up to 10 mm, XENOTEST combines efficiency and compact design. We've enhanced the performance of the 440 to fully comply with ASTM

D7869 – a leading standard based on Right Light® filter technology for the testing of coatings used on cars, trains, and aircraft.

Now XENOTEST is even more user-friendly. We've expanded the range of pre-programmed tests for the 220+ and 440. Experience the ease of Quick Starts to save time and eliminate the risk of manual programming errors.

- The textile-focused 220+ now includes all major textile weathering and color fastness standards: AATCC TM16, M&S C9/C9A, ISO 105-B02, -B04, -B10.
- The versatile 440 now comes with an impressive 15 pre-programmed tests – covering textiles, polymers, coatings, and several automotive interior and exterior test methods.

SUNTEST® Series – best-in-class xenon testing for 3-D specimens — As of January 1st, 2024, our XLS+ and XXL+ models have undergone an attractive upgrade, now featuring three helpful Ethernet-supported online features: Remote Control, E-Mail Service, and Online Monitoring. Stay connected to your SUNTEST!



SUNTEST XXL+ and XLS+

S3T Monitoring System – Is your weathering testing program missing something? —

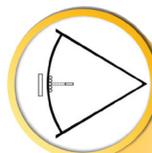
Surface temperature is critical for the rate of photochemical reactions. But its measurement is often neglected or roughly estimated. Designed for Atlas Ci4400 and Ci5000 Weather-Ometers®, the S3T system continuously measure the specific surface temperature of each specimen through contactless IR pyrometer technology.



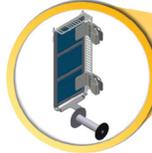
Ci4400

The S3T System Components

Overhead schematic of pyrometer and RFID reader



Sample holder with RFID tag



Pyrometer housing



See Atlas at a Trade Show Near You

American Coatings Show

30 April 2024 – 02 May 2024, Indianapolis, IN, USA

NPE Plastics Show

06 May 2024 – 10 May 2024, Orlando, FL, USA

Automotive Engineering Exposition

22 May 2024 – 24 May 2024, Yokohama, Japan

FCE Pharma

04 June – 06 June 2024, Sao Paulo, Brazil

Chinese Material Conference

08 July 2024 – 11 July 2024, Guangzhou, China

CETEX Expo

09 October 2024 – 10 October 2024, Amsterdam, The Netherlands

testXpo

21 October 2024 – 24 October 2024, Ulm, Germany

Chinacoat

03 December 2024 – 05 December 2024, Guangzhou, China

For more information on products, services and promotions, contact your local Atlas Representative or visit atlas-mts.com

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