

SMART Microsystems Super UV Testing

Super Accelerated UV Chamber Provides 5 Years of UV Exposure in Just 10 Days

CONTACT INFORMATION

SMART
MICROSYSTEMS™

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- New 15,000 sq. ft. manufacturing facility with state-of-the-art equipment
- 5,000 sq. ft. of world-class ISO 6 (class 1000) and ISO 5 (class 100) cleanrooms

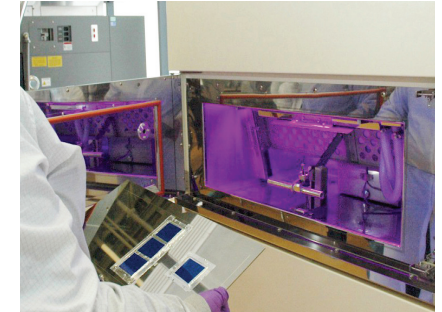
ACCELERATED SUN EXPOSURE

- **Dramatically Reduces Test Time** when compared with Fluorescent UV & Xenon chambers.
- **Enables Rapid Product Development** when used as part of a strategic R&D effort to rapidly test material formulations.
- **Accelerates Product Life Prediction** data such as measurement of changes in material tensile strength, elasticity, color and gloss.
- **Provides Multi-Market Solutions** for testing automobile parts, paints & coatings, adhesives & sealants, photovoltaics materials, and plastics.
- **Supports Industry Standards** such as ASTM Committee G03 on Weathering and Durability's new standard WK46431 for Metal Halide tools.

SUPER UV TESTING

FEATURES

- High irradiance metal halide flat array apparatus
- Filtered UV + near-visible spectra (295nm – 450nm)
- 1500 W/m² irradiance (300- 400nm)
- 90% or better uniformity
- Up to 30 x higher UV exposure than sunlight or Xenon or Fluorescent UV
- Controllable temperature, humidity and water spray



APPLICATIONS



Airspace Management	<input type="checkbox"/>	Command & Control	<input type="checkbox"/>	Comms	<input type="checkbox"/>	Power & Energy Storage	<input type="checkbox"/>	Propulsion	<input type="checkbox"/>	Sensors & Awareness	<input type="checkbox"/>	Other	<input checked="" type="checkbox"/>
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