



# APPLIED OPTIX™

**Partnering to  
Accelerate Innovation**



The Richard Desich

## SMART

Commercialization Center  
for Microsystems

at Lorain County Community College



*durability testing at unprecedented speed*

# ***Compress years of damaging UV effects into just a few weeks of testing***

*improve quality and profitability*

*rapid verification of designs*

*shortened product development time*



## Features

EYE Metal halide based high output UV lamp delivers 10 times acceleration of typical weathering chambers.

Correlated acceleration factors up to 100 times natural solar UV irradiation provides efficient extended outdoor exposure evaluation testing.

Spectral filtering cuts UV irradiation below 295nm to replicate natural sunlight.

Electronic feedback system ensures constant energy to target material.

Built-in datalogger for data storage and simple transfer to common programs such as MS-Excel®.

Fully programmable including temperature, humidity, rainfall, UV power, and custom cycle setup.

## Applications

- Automotive Interior And Exterior Material Testing
- PV Material And Component Testing
- Small PV Cell Testing
- Pigment, Polymer Development Testing
- Outdoor Product Material Testing

***Contact us to schedule evaluation testing on your samples, let us help you reduce your development cost and time to market !***



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