**Litos** Advanced Solar Cell & LED Lifetime Stability

Measurement System



16 / 32 Parallel Stressing Channels

4 Airtight Weathering Chambers

Accelerated Lifetime Testing

www.fluxim.com



## Solar Cell & LED Stability Lifetime Measurement System

Litos is an advanced solar cell and LED stability lifetime measurement system. It has 16 / 32 parallel stressing channels distributed over 4 airtight weathering chambers. Each chamber has an individual temperature and illumination control.

The wide range of stress conditions inside a highly-controlled experimental environment and full automation make it a primary choice for researchers that want to understand the degradation behavior of organic, perovskite, and quantum-dot solar cells and LEDs.

#### Litos Features

- Advanced lifetime analysis
- 16 / 32 Parallel channels
- Flexible sample design
- Temperature control
- 4 airtight chambers
- Fully automated
- LED and PV versions available
- Full capabilities for ISOS protocols
- Professional, user-friendly software



#### Advantages

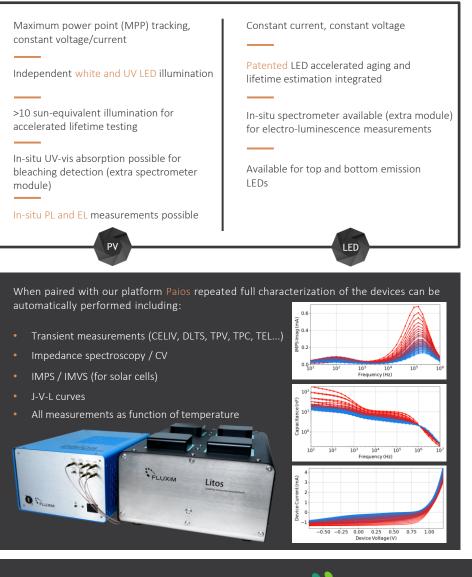
LED

- Design customized to customer's sample layout (multiple layouts possible)
- Modular: connect several systems together
- Compatible with atmospherecontrolling equipment
- Automatic parameter extraction and plotting over time

# Technical Specification

	Voltage range	-10 V to + 10 V
	Maximum current	20 mA /channel
	Full temperature control	0 – 125 °C
	Sample size	Up to 2 inches
	Light Intensity	Up to 10 suns

# For Solar Cells & Organic/Perovskite LEDs





Advanced Solar Cell & LED Lifetime Stability Measurement System

### Custom-Made Sample Holders

Litos sample holders are custom-made according to the specific layout of our customers. Multiple boards with different layouts can be delivered.

The board can be quickly replaced in the testing chamber by the user. Depending on the selected configuration, up to 8 solar cell or LED pixels can be stressed individually in each chamber (32 devices in total).





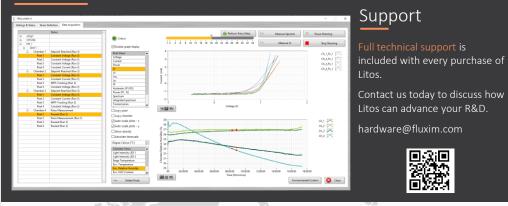


Electrode board on

top of sample

Cover of single chamber

### Perform In-Depth Degradation Analysis



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