



Solar Simulation Systems - Solar Simulator

Solar Simulation Systems

SS150AAA - 1,000 Watt Solar Simulator

SS150AAA-TP TOUCH PANEL SYSTEM



Please click on image for a larger view.

FEATURES:

- Light intensity feedback for stable light output intensity
- Computer based Controller

- Manual / automatic shutter control
- External lamp alignment with lamp on
- Manual/Automatic/External/Remote shutter control
- Forced air cooling
- Lamp life display
- Selectable and adjustable constant intensity or constant lamp current
- Safety Interlock override warning
- Shutter Status Indicator
- Lamp status indicator
- Remote Trouble Shooting via Internet
- One (1) year factory warranty

SS150AAA-EM ELECTRO-MECHANICAL SYSTEM



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Feature Description	Specification
Type of Lamp	Xenon Short Arc
Lamp Power	1,000W
Max. Illuminated Area	6.14" (156mm) x 6.14" (156mm)
Light Source	Steady State
Air Mass	AM1.5G Standard: AM1.5D or AM1 optional
Lamp lifetime	1500 Hours
Adjustment Range of Light Intensity	100mW/cm ² ±15%
Simulator Class*	AAA
Spectral Match to all intervals*	±25% or better
Spatial Non-uniformity of irradiance*	≤ 2% or better
Short Term Temporal Instability (STI)*	≤ 0.5% or better
Long Term Temporal Instability (LTI)*	≤ 2% or better
Dimensions (Height x Width x Depth)	69.8" (1,773mm) x 16.4" (417mm) x 24.4" (620mm)
Weight	220 Lbs. (100 Kg)
The Optimum Working Distance	17.0" (432 mm)
Phase/Voltage/Frequency	Single Phase/220VAC/50-60Hz
Max. Power Consumption (W)	1.5 KVA

*Meets Class A Requirements of ASTM E927-2010, IEC60904-9 Edition 2.0 2007-10 and J 8912-1998: amendment 1-2005 & Amendment 2-2011

Specifications are subject to change without notice



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