



Solar Simulation Systems - 100 Watt

Solar Simulation Systems SS30AAA - 100 Watt Solar Simulator

SS30AAA-TP TOUCH PANEL SYSTEM

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

SS30AAA-EM ELECTRO-MECHANICAL SYSTEM

FEATURES:

- Light intensity feedback for stable light output intensity
- Electro-Mechanical Controller
- Lamp life display
- External lamp alignment with lamp on
- Manual/Automatic/External/Remote shutter control
- Forced air cooling
- Lamp Life Meter
- Lamp Current Meter
- Selectable and adjustable constant intensity or constant power mode
- Safety Interlock override LED
- Over Temperature Warning LED
- Shutter Status Indicator
- Lamp status indicator
- One (1) year factory warranty

SS30AAA-TP & SS30AAA-EM TECHNICAL SPECIFICATIONS

Feature Description	Specification
Type of Lamp	Xenon Short Arc
Lamp Power	100W
Max. Illuminated Area	1.2" (30mm) x 1.2" (30mm)
Light Source	Steady State
Air Mass	AM1.5G Standard: AM1.5D or AM1 optional
Lamp lifetime	1,500 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)	28.4" (722mm) x 11.6" (295mm) x 15.5" (394mm)
Weight	50 Lbs. (22.7 Kg)
The Optimum Working Distance	2.9" (74 mm)
Phase/Voltage/Frequency	Single Phase/110-220VAC/50-60Hz
Max. Power Consumption (W)	0.3 KVA

*Meets Class A Requirements of ASTM E927-2010, IEC60904-9 Edition 2.0 2007-10 and JIS

Bảo mật - Điều khoản

8912-1998: amendment 1-2005 & Amendment 2-2011

Specifications are subject to change without notice



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