



Photo Emission Tech., Inc.

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150 WATT SOLAR SIMULATOR

FEATURES

- Separate Lamp Housing and Power Supply/Controller
- Lamp life display
- Manual / automatic shutter control
- Constant Current Control
- Provisions for using Light Guide
- External lamp alignment
- Safety Interlock Override Warning
- Forced Air Cooling
- External Controls:
 - Lamp On/Off
 - Manual closing/opening of shutter
 - Activate timer circuit to open shutter for set exposure time.
- Output Signals:
 - Lamp “ON” Signal
 - “Shutter Open” Signal

TECHNICAL SPECIFICATIONS

<i>FEATURE DESCRIPTION</i>	<i>SPECIFICATION</i>
LIGHT SOURCE UNIT	
Type of lamp	Xenon Short Arc
Lamp Power	150 W
Light Source	Steady State
Light Delivery	5mm Diameter Light Guide
Air Mass	AM1.5G Standard: AM1.5D or AM1 optional
Light Intensity	100 mW/cm ² +/- 15%
Lamp lifetime	1500 Hours
Dimensions (Height x Width x Depth)	11.6" (295mm) x 10.5" (267mm) x 18.5" (470mm)
Weight	20 Lbs. (9 Kg)
POWER SUPPLY UNIT	
Phase/Voltage/Frequency	Single Phase/110-220 Volts/50-60Hz
Max. Power Consumption (W)	0.5 KVA
Dimensions (Height x Width x Depth)	11.6" (295mm) x 10.5" (267mm) x 13.5" (343mm)
Weight	13 Lbs. (6 Kg.)