

Super AM1.5G Solar Simulator for PV Cells

Model:WXS-155S-L2,AM1.5G

The WACOM Super Solar Simulator employs special mirrors to produce composite of light from xenon and halogen lamps to produce a solar simulator which has rectified the previously unsatisfactory qualities.

The rays produced by the unit have a spectrum distribution that is quite similar to the natural solar spectrum.

The unit may be effectively used as a solar simulator for evaluation of properties of not only the single layer type but also the double and triple layer high efficiency solar cells.



IEC-60904-9
Class A

USES

Photovoltaic
Multi-Junction PV Cells
PV -Sensors
etc.

SPECIFICATION

Effective irradiated area	:	155 X 155 mm
Irradiance	:	80 - 120mW/cm ²
Positional non-uniformity of irradiance	:	+/- 2%
Temporal instability of irradiance	:	+/- 1%/hr
Maximum incident angle to irradiance surface	:	+/- 3 degree
Spectral coincidence	:	Air Mass 1.5Global approximate High quality (+/-15%) < ClassA (+/-25%)
Power supply	:	Single-phase,2-wire,AC220V,20A,4.5KVA
Occupying space	:	H=1800mm,W=2000mm,D=1500mm
Weight	:	300Kg

IEC-60904-9
High quality < Class A

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