

Solar panel manufacturing machines

Solar Cell Tester

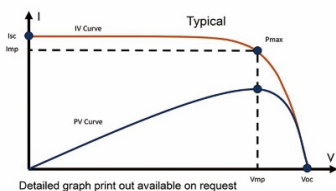
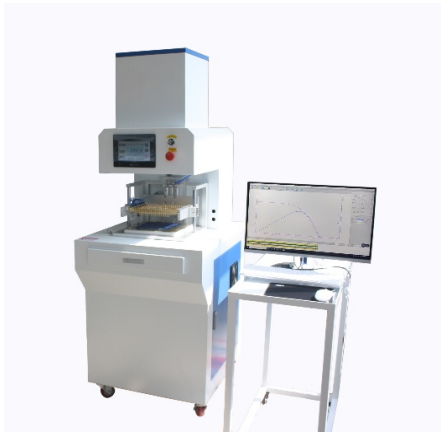
Be used for test PERC, TOPCon, HJT PV cell.

It is a high-reliability, high-precision Sun simulator, . The equipment adopts high-power, long-life imported pulses xenon lamp as the simulator light source, imported ultra-high-precision four-channel synchronous data acquisition card to test data acquisition , professional superlinear electronic load ensure the test results are accurate. Suitable for solar PV panel manufacturers to sort and analytical test solar panels

Lamp Spectrum: In line with IEC60904-9 spectral Irradiance distribution requirement(AM1.5);

Product Features:

- *Long pulse width 10-20ms, adjustable flash pulse; Normal pulse is 10ms
- *The closed optical path design ensures long term stable operation of the equipment and better adaptability to different test ing enviroirments;
- *Using imported pulse xenon lamps to ensure the stability;
- *Four line measurement, 16 bit 4- channel hi gh-speed synchronous acquisition card, 8000 data acqui- sition points, 10 parameters displays, and tabular and graphical display of measurement parameters.



Performance parameter of Xenon Lamp

Type	HV Flash
Model	1000W
Flash times	More than 200K .

Model	RO - GTM2615
Solar cell be applied to	5BB, 6BB, 9BB, 10BB, 12BB. M2, G1, M6, M10, M12 .
Light intensity	100mW/cm2 (continuous adjustable range 70-120W/cm2);
Test result consistency	≤± 2% ;
Test error of electrical properties:	≤± 2%
Single flash time	10ms
Effective Test range	220x220mm
Measuring voltage	0~0.8V (Resolution 1mV)
Measuring current	0~20A (Resolution 1mA)
Test Parameters	Isc, Voc, Pmax, Vm, Im, FF, EFF, Temp, Rs, Rsh7
Power Supply	: 220V / 50~60HZ ,± 10% 5A.
Measument	980*830*2100 mm
Gross weight	150 Kg.
<i>Please do not forward !</i>	
Price :	USD22000.00