

Specification for Solar Simulator for PV Cells

- 1. Model** : **WXS-50S-1.5,AM0**
- 2. Effective irradiated area** : **50 x 50 mm**
- 3. Direction of irradiance** : **Down Shine**
- 4. Irradiance** : **120 - 140 mW/cm²**
- 5. Positional non-uniformity of irradiance** : **+/- 3 %**
- 6. Temporal instability of irradiance** : **+/- 1 %/hr**
- 7. Maximam incident angle to irradiated surface** : **+/- 4 degree**
- 8. Spectral coincidence** : **Air Mass 0 approximate**
350~ 499nm---0.8~1.2
500~ 799nm---0.9~1.1
800~1099nm---0.9~1.1
- 9. Power supply** : **Single-phase,2-wire,0.6KVA**
AC220V,3A
- 10. Occupying space** : **H = 1200 mm**
W = 500 mm
D = 500 mm
- 11. Weight** : **50 kg**