

## ***Specification for Solar Simulator for PV Cells***

- 1. Model** : **WXS-90S-5,AM1.5G**
- 2. Effective irradiated area** : **90 x 90 mm**
- 3. Direction of irradiance** : **Down Shine**
- 4. Irradiance** : **80 - 120 mW/cm<sup>2</sup>**
- 5. Positional non-uniformity of irradiance** : **+/- 2 %**
- 6. Temporal instability of irradiance** : **+/- 1 %/hr**
- 7. Maximam incident angle to irradiated surface** : **+/- 3 degree**
- 8. Spectral coincidence** : **Air Mass 1.5Global approximate 0.75~1.25 (IEC 60904-3)**
- 9. Power supply** : **Single-phase,2-wire,1.3KVA AC220V,6A**
- 10. Occupying space** : **H = 1000 mm  
W = 1000 mm  
D = 1000 mm**
- 11. Weight** : **100 kg**