



## Solar Simulation Unit

### Service description

- Solar simulation unit for conducting tests on components and systems under artificial sunlight with realistic UV and infrared parts and variable climatic environmental conditions (temperature and relative humidity)

### Areas of application

- Functional tests under extreme conditions
- Realistic ageing of components through strong solar radiation and high temperatures
- Measurement of the temperature distribution on components
- Test standards: DIN 75220, MIL-STD 810

### Added value for our customers

- Realistic testing with variable environmental conditions

### Technical Data

- **Solar radiation:** up to 1,200 W/m<sup>2</sup>
- **Temperature range:** -30 °C to +90 °C
- **Relative humidity:** up to 95 %
- **Variable distance to panel**
- **Usable solar radiation area (LxWxH):** 2.00 m x 3.00 m