



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/m²
- 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



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For further information please contact:

Phone +49 89 6088-4454

sales@iabg.de

www.iabg.de



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IABG
Einsteinstrasse 20
85521 Ottobrunn
Germany
Phone +49 89 6088-2030
Fax +49 89 6088-4000
info@iabg.de
www.iabg.de

Berlin Bonn Dresden Hamburg Karlsruhe Koblenz
Lathen Lichtenau Noordwijk(NL) Oberpfaffenhofen