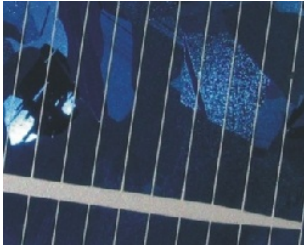


- Calibration of instruments for radiation measurements
- Measurement of radiation from UV to IR
- Software for special requirements

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Reflexion von Solarzellen

Das transportable Reflexionsmesssystem J1030-REFLECTANCE wurde zur Messung der spektralen Reflexion von unterschiedlichen Materialien für den VIS bis NIR Wellenlängenbereich entwickelt.

Die Reflexion in [%] wird mittels einer Ulbrichtkugel die an ein Diodearray Spektrometer über einen Lichtleiter angekoppelt ist, gemessen.

Das über eine USB Schnittstelle eines PC's steuerbare System ist sehr kompakt. Labormessungen und Feldmessungen sind damit sehr leicht und zuverlässig ausführbar.

Das System bietet einen Messbereich von 400 – 1.000 nm. Auf Kundenwunsch sind erweiterte Wellenlängenbereiche realisierbar.

Die Windows® Software erlaubt neben der Darstellung und Archivierung der Messdaten.

Solar Cell Reflectance

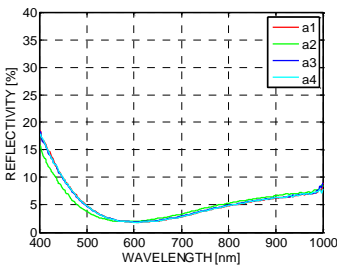
The transportable reflectance measurement system J1030-REFLECTANCE is developed to measure the reflectance of different material samples in the VIS to NIR wavelength region.

The reflectance in [%] is measured with a diode array spectrometer and an integrating sphere which is connected via a quartz light guide.

The system requires very little space and is connected via the USB connector to a Laptop. Laboratory measurements and outdoor investigations may be easily done.

This system provides coverage over the spectral range from 400 - 1.000 nm. Enhanced wavelength ranges are available on request.

The Windows® software has the capability of graphing and archiving the measurement data.





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