

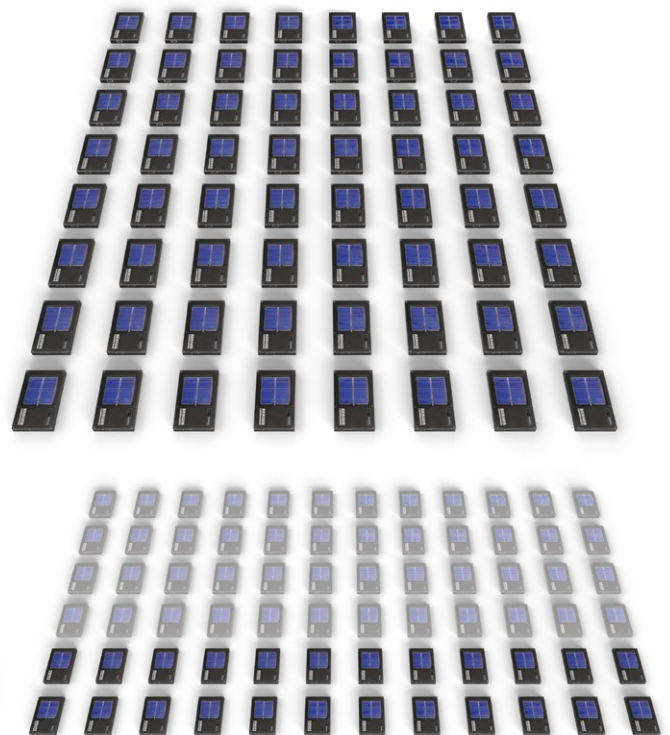
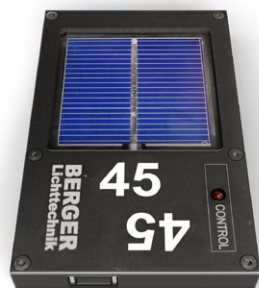
Uniformity Tester for Module Tester

Uniformity Check in a single measurement

The uniformity tester is developed to allow for a fast measurement of the homogeneity of all solar simulator types. It is not limited to BERGER measurement systems. With up to 254 measurement cells that can be connected even the largest areas or highest resolutions are possible. The measurement can be done in a single flash. The system comes with 24 measurement cells in the basic version and can be extended by further sets. The system is connected to any PC with a USB interface by an interface box and comes in a handy tool case.

Product Specification

- › Sets of 24, 64 and 72 cells available
- › 1 master cell and one interface box included
- › Up to 255 cells can be used concurrently
- › Two measurement ranges for 100–300 W/m² or 500–1200 W/m²
- › Temporal uniformity during a single flash can be calculated
- › Includes software for setup and operation



Technical Data

Mechanical Data

Measurement Cell dimensions:

12 x 70 x 110 (H x W x L in mm)

Master Cell dimensions:

12 x 70 x 110 (H x W x L in mm)

Interface Box with USB connection

Electrical Data

Range 1: 100–300 W/m²

Range 2: 500–1200 W/m²

Power supply:

For up to 16 measurement cells by USB

For up to 254 measurement cells by external power supply over interface box

Software Features

- › Configurable layouts for matrixes for 1 to up to 255 cells
- › Predefined standards 4 x 4, 2 x 8, 1 x 16, 1 x 24, 1 x 72 cells
- › Predefined masks for multiple measurements with 6 x 12 and 8 x 16 cell positions
- › Test protocol for printing and filing