

Flasher inline, without building preparations J.v.G. FL-09



Technical specifications:

Flasher needs no special infrastructure (e.g. dark room) for flashing the modules.

Can be easily automated. The following measurements are possible:

- Light Source: Long-arc pulsed xenon lamp, filtered to AM1.5 Global spectrum (IEC 60904-9)), European product !
- Life time of a lamp: 100,000 flash times.
- Full area intensity : 70 to 120 mW/cm²
- Correction: Automatically correct against to temperature and power drift to standard condition.

- Measures the following parameters:

- o I-V curve,
- o Open circuit voltage (Voc),
- o Short-circuit current (Isc),
- o Peak power (Pm),
- o Current and voltage at peak power (Im and Vm),
- o Fill factor (F.F.),
- o Module efficiency (Eff.),
- o Module temperature (Temp),

- Repeatability: ±1.0 %
- Illumination Uniformity: ±3%
- Tests either: crystalline or thin film modules and cells
- Label printer included with software
- Barcode reader for module serial number included

Dimensions:	1500×2500mm
Weight:	1.200 kg
Measurement range and resolution of voltage:	0.1-100V
Measurement range and resolution of current:	0.1-25A
Measurement Range of modules:	40W to 360W