

SolarModule EL-inline

Electroluminescence Module Inspection

Innovative inspection solutions
for the photovoltaic industry



Inline high resolution inspection system
for electroluminescence imaging in the production

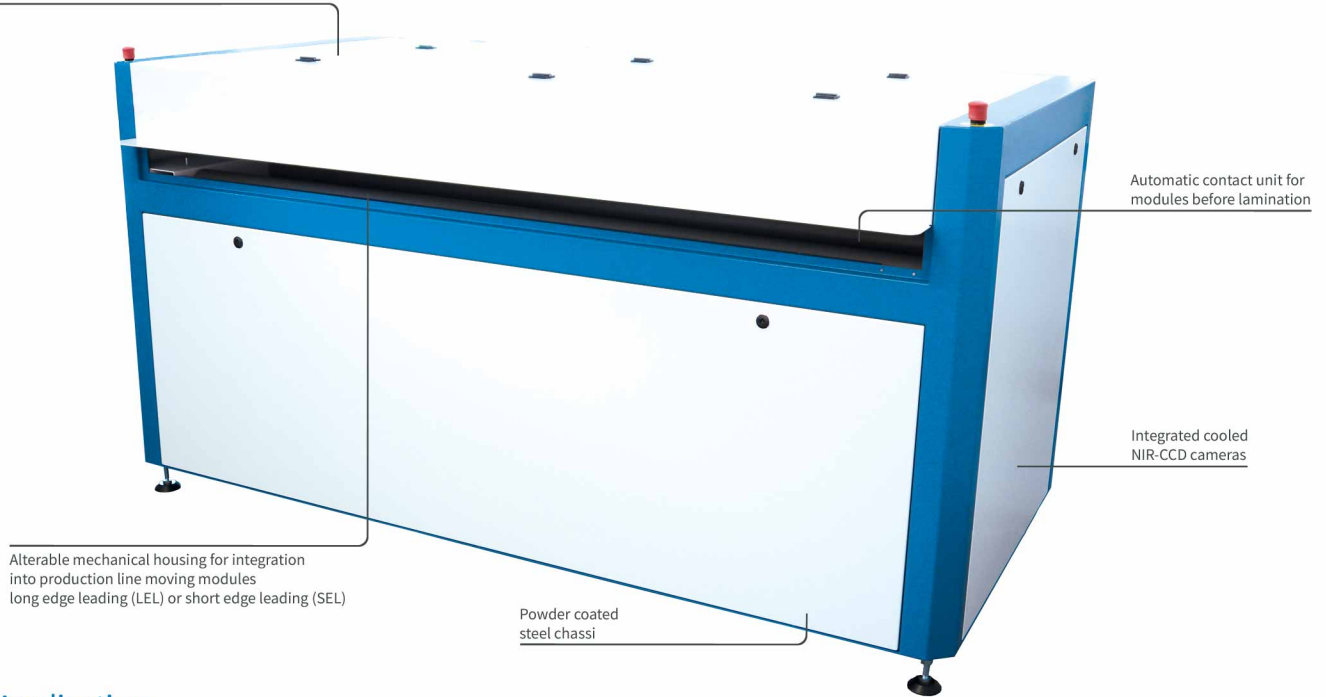
- Image processing SW
- Easy to use
- Fast product changeover
- Made in Germany

The SolarModule EL-inline is a fully automatic high resolution electroluminescence inspection system. The system is designed for the inspection before lamination or for framed modules at the end of the line. Proven image processing software together with high sensitive cameras allow reliable automatic defect detection.

SolarModule EL-inline

Electroluminescence Module Inspection

Continuous carrying rollers for save module transport

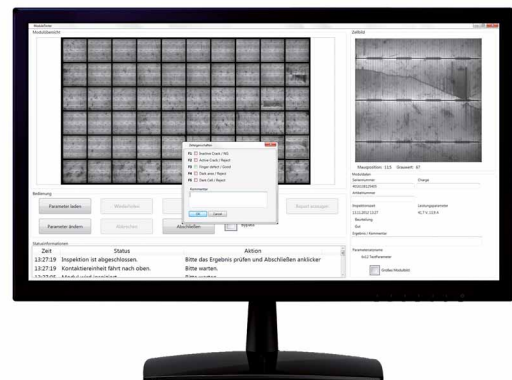


Field of Application

The **SolarModule EL-inline** is a high resolution, fully automatic electroluminescence inspection system. The high sensitive cooled NIR-CCD cameras provide a very good image quality with 170µm resolution (72 Megapixels).

What makes the SolarModule EL-inline family so special? The unique continuous rollers guaranty a perfect module transport even with thinnest glasses. This matches the product perfectly for pre-lamination inspection. The product changeover is very fast. The automatic image processing software is powerfull and at the same time easy to use.

The SolarModule EL-inline is configurable in terms of resolution, image aquisition speed, orientation and size of the solar module.



The powerful and easy to use SW

Model	SolarModule EL-inline	SolarModule EL-inline-HS
Resolution	170 µm (72 MPixel)	
Camera type	3x cooled NIR CCD cameras	6x cooled NIR CCD cameras
Module types	Non-laminated and framed crystalline modules	
Max. module size	1050 x 2050 mm / 1350 x 2050 mm	
Image aquisition time	35 sec	20 sec
Dimensions (W x L x H)	1200 x 2420 x 1245 mm / 1520 x 2415 x 1245 mm	