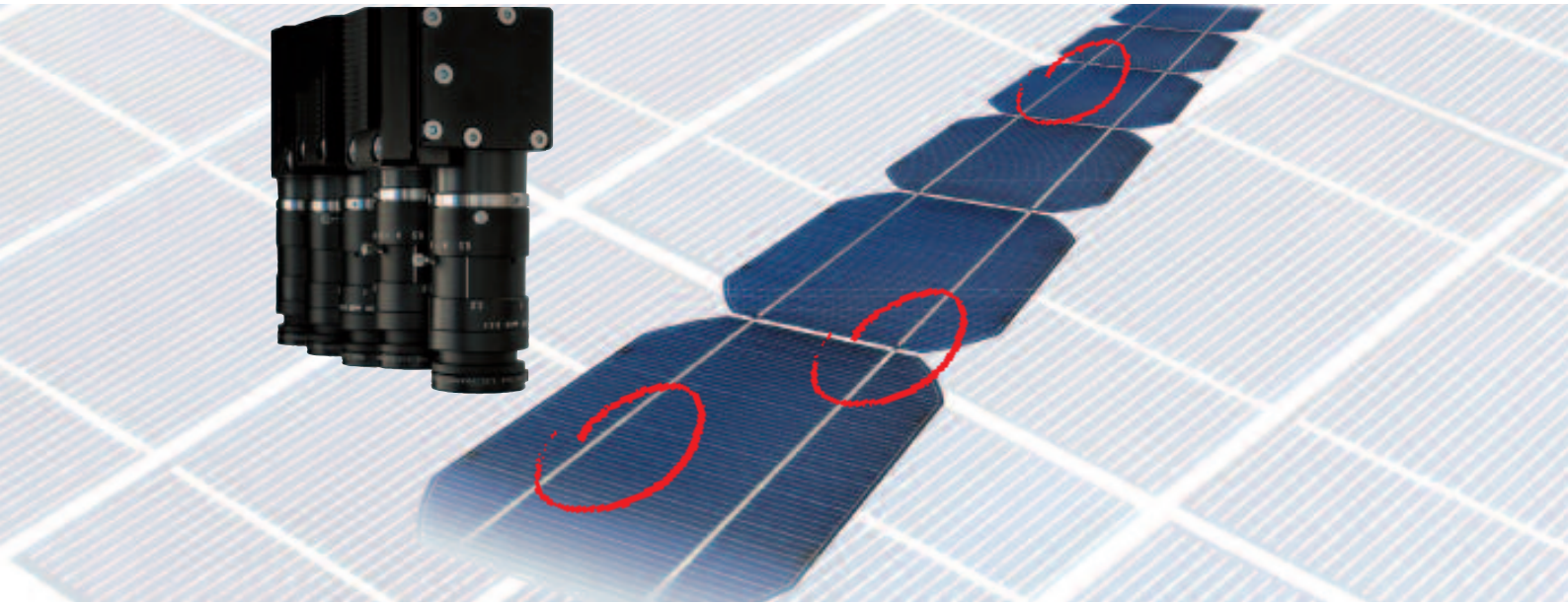


Product Info

**SOLARSCAN-String: Enhanced process reliability.
Precision maximized. Defects eliminated. Process optimized.**



**Enhance process reliability & quality.
Increase efficiency.**

Quick set-up, high production speed and high quality are the basic requirements for profitable production. This is especially important for automated string production. Highly accurate determination of dimensions and fit as well as a complete lack of defects combined with flexibility are in demand.

SOLARSCAN-String is indispensable for monitoring cells and the inspection of string geometry for defects as well as the optical alignment of strings for Lay-Up. The information ascertained is used directly for quality optimization in production. Due to the modular structure of the systems, they are perfect for integration either as a stand alone insertion between tabber stringer and lay-up table or for integration into your existing lay-up machine. With **SOLARSCAN-String**, a compact optimal tool for quality assurance and productivity increase is at your disposal.

Applications:

- Automatic optical in-line inspection in string and module production
- Monitor cells in terms of position, geometry, print defects and damage
- Monitor strings in terms of position, geometry, connection defects, damage and cell defects

Advantages:

- Reduction in production costs
- Performance and process optimization
- Production quality increase
- Stable, reliable detection of all relevant defects
- Early identification of serial defects and process deviations
- Combinable with electroluminescence inspection
- Modular concept

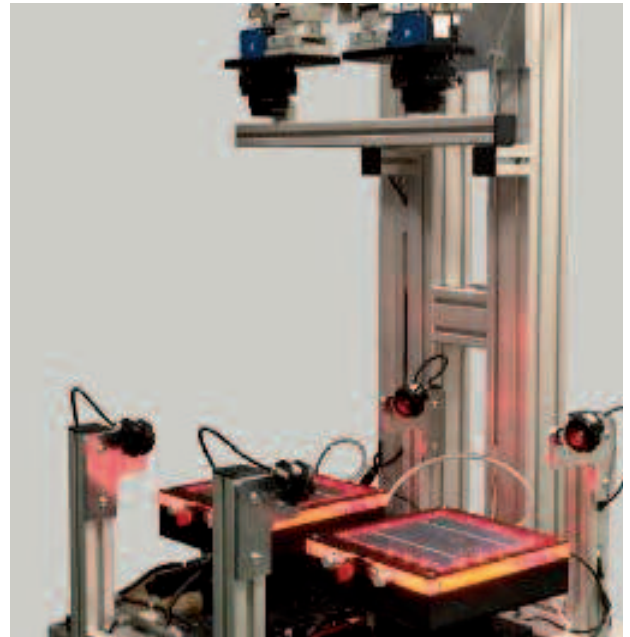


Inspection features

- Geometry and position:
Dimensions, straightness, number of cells, offset/distortion of cells, position of strings for reference
- Damage:
Contour defects, visible cracks, holes, print defects
- Connectors:
Existence and position
- Electroluminescence (optional)
Microscopic cracks, soldering defects, short circuits

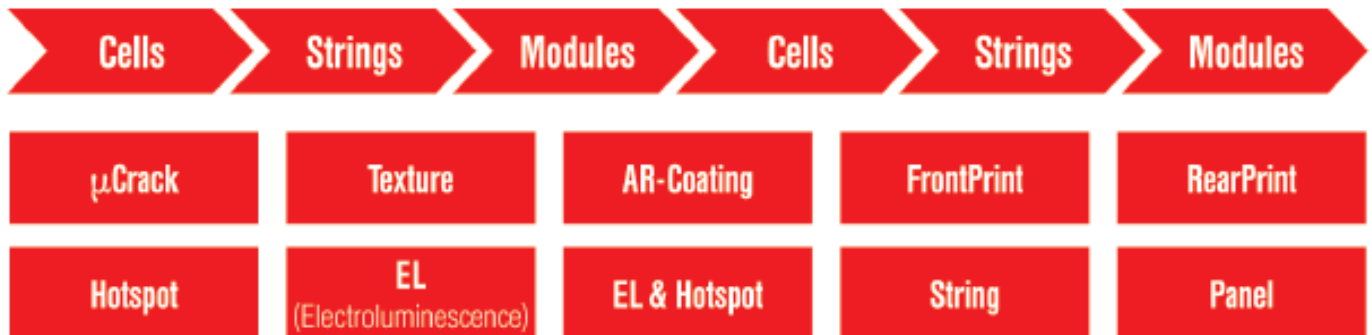
Available options

- Rear side inspection
- Front side monochrome inspection
- Front side color inspection
- EL Inspection



Optimal alignment of the string guaranteed - thanks to SOLARSCAN-String

SOLARSCAN: „Best Practice“ product line for the complete process chain



ISRA VISION

Germany
Tel.: +49 (2366) 9300-0
Fax: +49 (2366) 9300-230

Germany
Tel.: +49 (30) 4210 4700
Fax: +49 (30) 4210 4750

UK
Tel.: +44 (1322) 520410
Fax: +44 (1322) 559419

Turkey
Tel.: +90 (216) 688 1015
Fax: +90 (216) 688 1016

Spain
Tel.: +34 (93) 589 71 79
Fax: +34 (93) 589 71 79

Italy
Tel.: +39 (0464) 490 603
Fax: +39 (0464) 498 875

France
Tel.: +33 (4) 7211 4067
Fax: +33 (4) 7211 4068

Belgium
Tel.: +32 (2) 6523-866
Fax: +32 (2) 6523-728

Ireland
Tel.: +353 (61) 748411
Fax: +353 (61) 748411

USA
Tel.: +1 (770) 449-7776
Fax: +1 (770) 449-0399

Brazil
Tel.: +55 (11) 3476-1132
Fax: +55 (11) 3476-1132

P.R. China
Tel.: +86 (21) 6891 6286-0
Fax: +86 (21) 6891 6286-888

Korea
Tel.: +82 (2) 790-1326
Fax: +82 (2) 790-1329

India
Tel.: +91 (95) 82 289 877
Fax: +49 (2366) 9300 230

Japan
Tel.: +81 (3) 3253-5771
Fax: +81 (3) 3253-5772

Taiwan (R.O.C.)
Tel.: +886 (3) 2500-148
Fax: +886 (3) 2500-149

www.isravision.com

www.israsolarvision.com



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