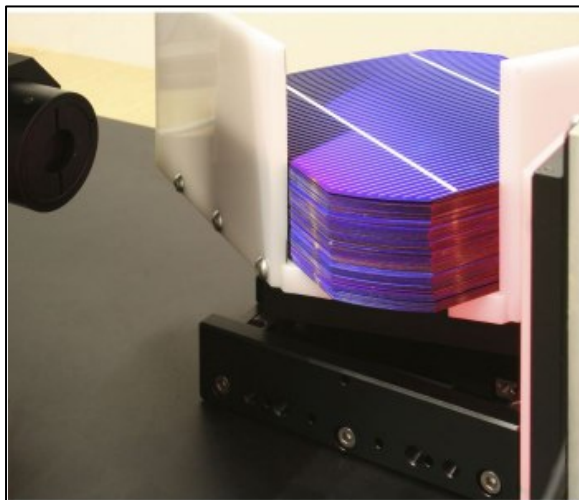
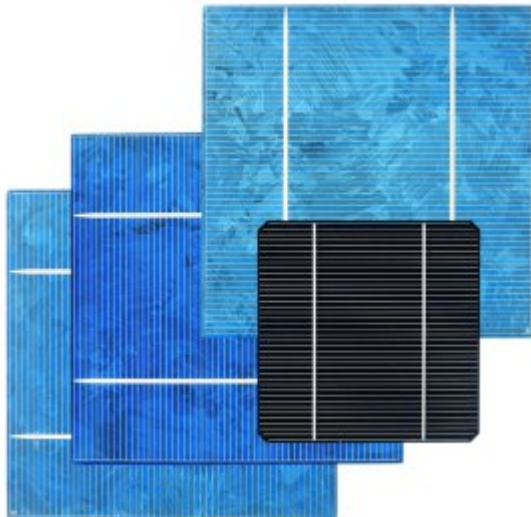


G/SOLAR CC Cell Counter



> Applications

- Cell manufacturing – incoming wafers
- Cell manufacturing – final count before shipping
- Module production – incoming cells

> Features

- Automatic counting of the number of cells within one stack
- Verification of the results by counts on several corner regions
- Assignment to cell-box ID numbers
- Suitable for Poly and Mono crystalline cells
- Suitable for 5", 6" and 8" size

> Benefits

- Available for all usual cell sizes
- Modular concept
- Low costs of ownership
- Easy adaptable to user specifications
- Easy integration in customers production lines
- Reliable defect detection
- Detection of all relevant defect types
- Rapid identification of process problems

Technical Data & References



Photovoltaic Applications

Field:	Inspection:
Cell manufacturing: (Silicon)	Cell Geometry Cell Texture Cell AR Coating Cell Front/Rear printing Hotspot Electroluminescence Cell count
Module production: (Silicon)	Cell features (color, printing, defects) Cell alignment String (completeness, shape, defects) Layup Laminate / Module Frame
Float glass	Incoming glass inspection
Module production: (Thin-film)	Coating layer, scribes and grooves Texture and surface faults

References (Extract)

Photovoltaics:

DeutscheCell, Enfoton, Evergreen, Kyocera, Q-Cells, Solarwatt, Solon, Sunways, Calyxo, Malibu, Solibro, Würth Solar

Glass:

Bystronic, General Electric, Osram, Philips, Saint-Gobain Sekurit, Samsung, Schott

Electronics and Semiconductors:

Epcos, Epigap, Infineon, OSA Opto, Siemens, Silicon Sensor

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G/SOLAR CC Cell Counter

> Technical Data

G/SOLAR CC cell sizes 5", 6" and 8"		
Acquisition time	s	4
Resolution	µm/pixel	6