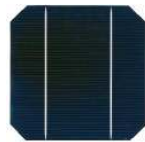




EL-CT01A Solar Cell Micro-Crack Inspector



5" Mono



6" Poly



6" Mono



6" Poly
(3 bus bars)



We heard your voice:

- Fast adjustment for 5" and 6" cells
- Auto cell position alignment
- Software-controlled I/V input
- Auto pin up/ down contact
- High speed imaging time
- Auto fine tune EL image
- Auto calculate % of dark area
- Auto mark dark area in red
- Arrow mark and save to file
- Support Bar-code system database
- Save your comment to file

欽揚科技股份有限公司
Chinup Technology Co., Ltd.

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Doc No.: CCEL-CT01A
Rev.02

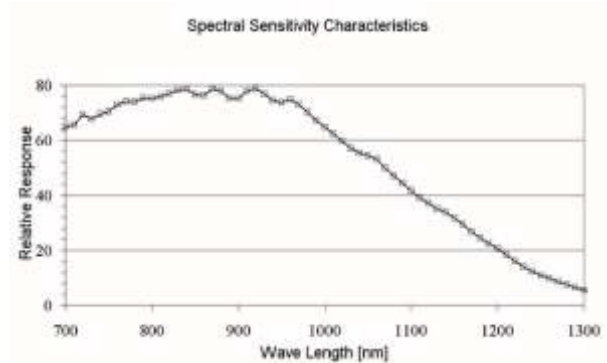
Website: <http://www.chinup.com.tw>
Tel: +886-6-5105858 Fax: +886-6-3842653

EL-CT01A

Solar Cell Micro-Crack Inspector

Camera Features

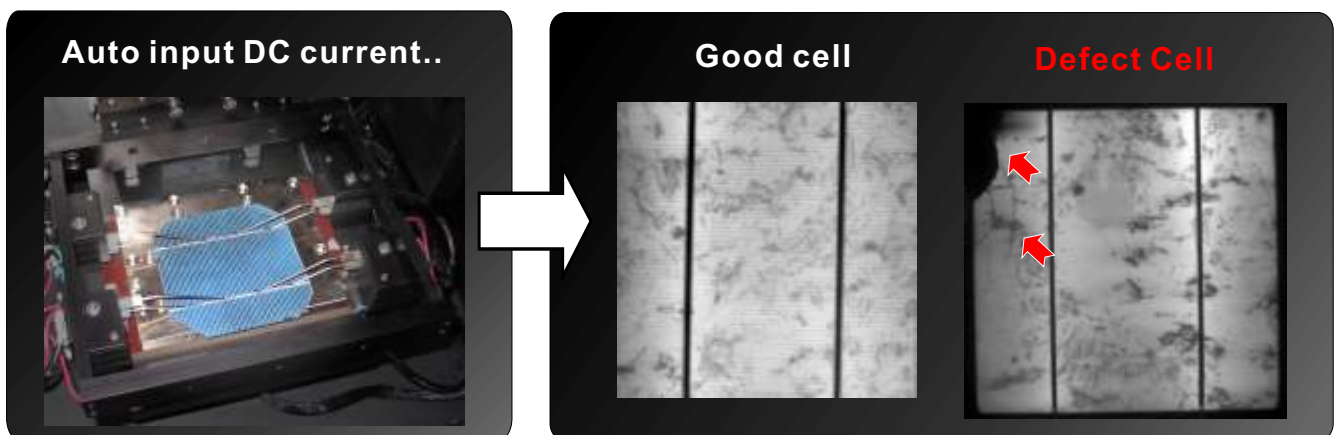
- 2/3-inch CCD camera
- Resolution of up to 1.3 Mega Pixels
- Camera-link interface with 480Mb/s throughput
- Built for tough industrial environments
- FPGA-based camera DSP/controller
- Class 100 clean-room assembly
- Cooling system inside
- Included filter lens included



System Application

How do we use solar cell micro-crack inspector :

The EL-CT01A is used to take the EL image of solar cell. By reviewing the EL image, user can judge the cell quality as easy as looking at a X-ray picture.



More detail information :

We are listening your voice and customize each machine to meet your engineering requirements. Please contact with us for further details.

Product Name	EL-CT01A	Hardware/ Mechanical Components	EL Camera x1
Application	Cell quality inspection in RD or QA Lab		Customerized lens and filter lens x1
Type	Manual input , Auto alignment and contact		DC power supply x1
Max Test Area	200 x 200 mm (Adjustable)		PC system x1 (with 22" Full HD LCD)
Max resolution	1392 x 1040 pixels		Machine body x1
Dimension	Around 1.7 (L) x 0.9 (D) x 1.8 (H) m		Contact parts for 5" x1, and 6" cells x1
Weight	Around 110Kg	Software	Standard UI & EL application software
Power	Around 110V/ 3A		



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