

K3500

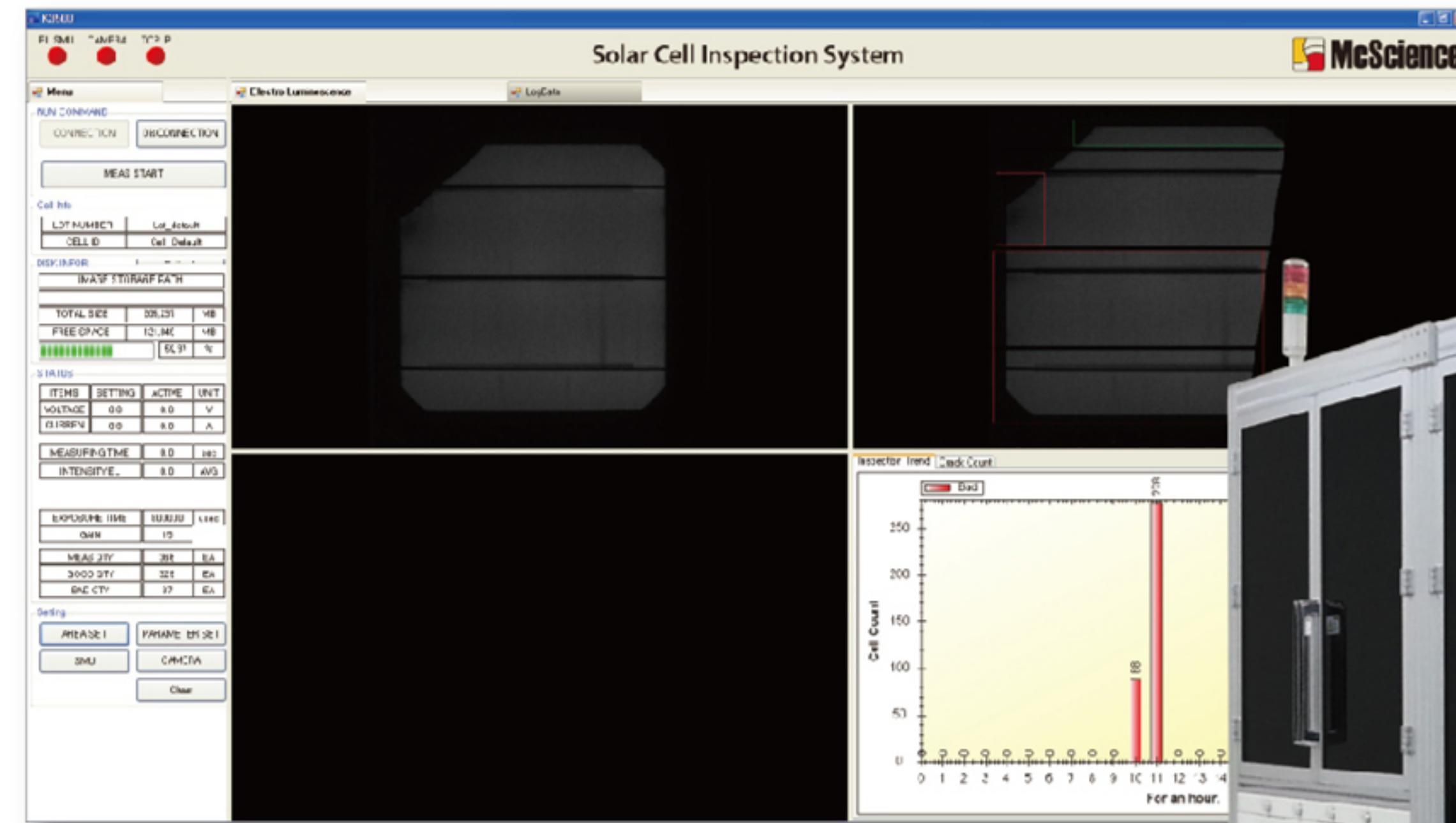
Electrical, Optical & Thermal
Imaging & Test Systems

Solar Cell Inspection System

In-Line Automatic Inspection and Cell Sorting

This system provides total solution for in-line solar cell inspection and automatic sorting based on I-V test, luminance imaging and optical inspection.

Auto-Inspection + **Sorting** + **I-V Test** + **EL Imaging** + **AOI**



Automatic Cell Inspection
Automatic Cell Sorting
I-V Test Using AAA Solar Simulator
Electroluminescence Imaging
Automatic Optical Inspection

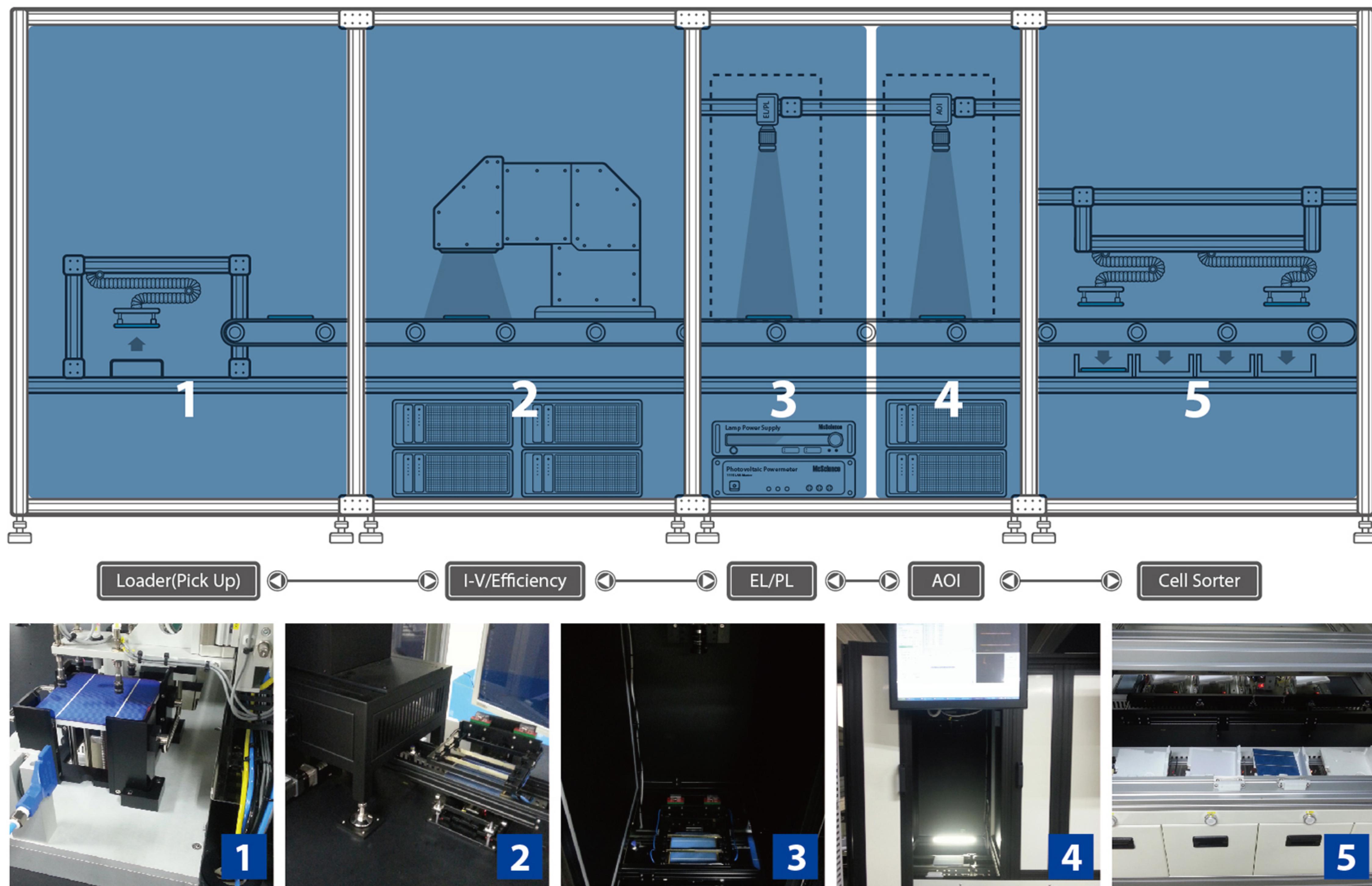


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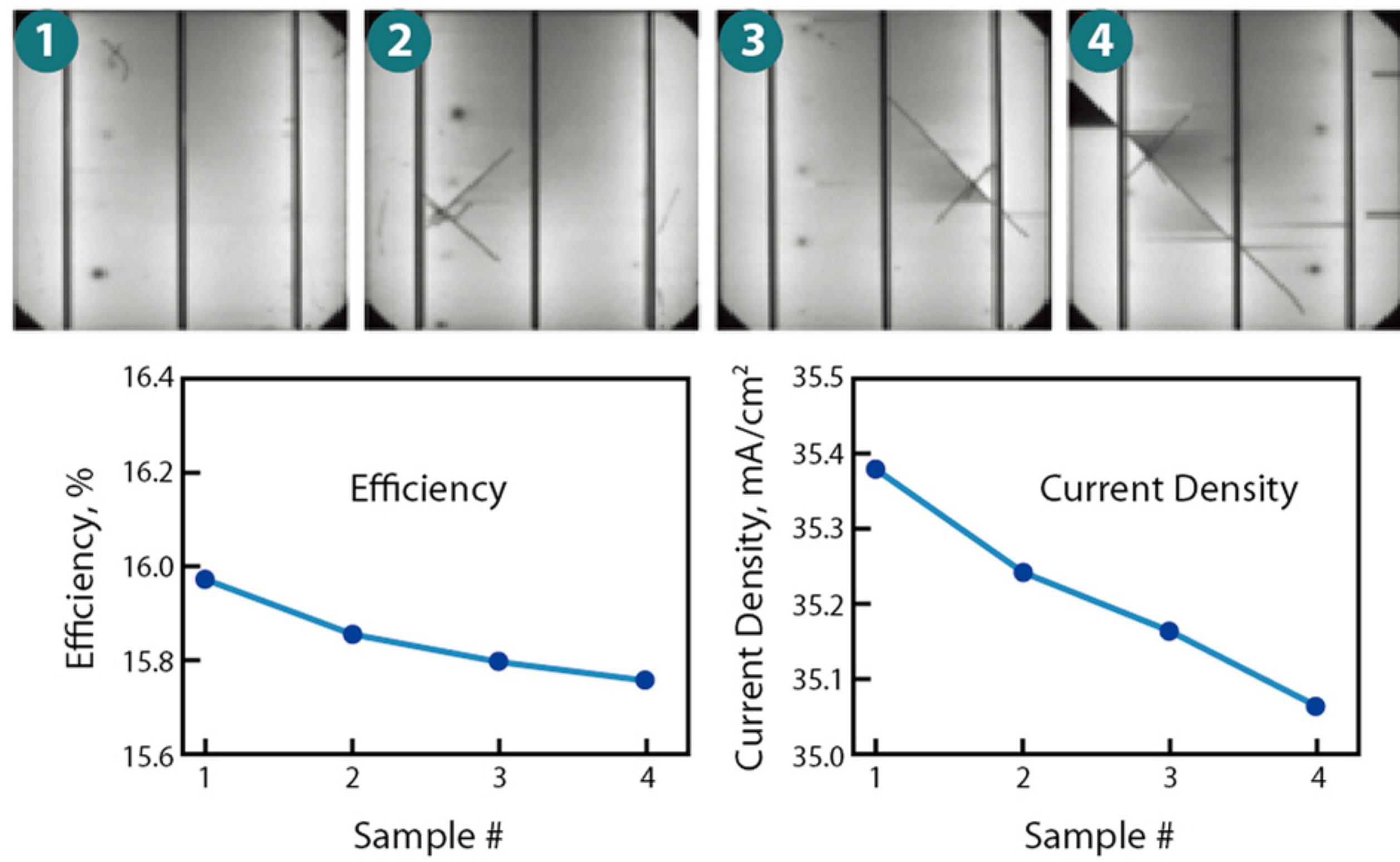
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System Configuration



Efficiency vs Crack



System Specification

Model Name	K3500 Solar Cell Inspection System
System Model	ELX : EL Measurement PLX : PL Measurement WFX : AOI+I-V+EL/PL
System Configuration	Loader, AOI(Vision), K3000 I-V System K3300 Imaging System, Unloader, Sorting
System Tact Time	1,200EA per 1hour
Measurement	Voltage, Current, Temperature, Irradiance (Ref), Micro Crack, Hot Spot, Finger Defect, Dark Area, Isc Mapping, Relative Efficiency, Color, Vision
Dimension	(W)5350mm x (D)1400mm x (H)2130mm
Test Sample	Si Solar Cell