

## FOUR POINT PROBE SET UP WITH SOLAR CELL MEASUREMENT



### Descriptions

Four-Point Probe System is an easy-to-use tool for the rapid measurement of sheet resistance, resistivity, and conductivity of materials (metals, non-metals and semiconductors) in the form of bulk and thin film samples. This Four-Point Probe System comes with Solar Cell I-V System for characterisation of photovoltaic devices.

### Further Information

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### Brand-Model

Ossila, Four Point Probe with Solar Cell I-V Test System.

### Basic Specifications

Four-Point Probe	Solar Cell I-V System
Voltage range: $\pm 100 \mu\text{V}$ to $\pm 10 \text{ V}$	Voltage Source: $\pm 333 \mu\text{V}$ to $\pm 10 \text{ V}$
Current range: $\pm 1 \mu\text{A}$ to $\pm 150 \text{ mA}$	Current Measurement: 10 nA to 150 mA
Sheet resistance range: $100 \text{ m}\Omega/\square$ to $10 \text{ M}\Omega/\square$ (ohms per square)	Substrate Size: 20 mm x 15 mm or 25 mm x 25 mm

### Equipment Website/ Product Brochure

<https://downloads.ossila.com/manuals/four-point-probe-system.pdf>

### Types of samples

Bulk

### Location

C20-102-01  
Material Characterization Laboratory

### Operator

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