

SOLIAMETRE®

CONTROL DEVICE FOR PHOTOVOLTAIC
MODULES AND SYSTEMS

Increase the quality of your installations
and avoid production losses with
the SOLIAMETRE®

New

THE ESSENTIAL TOOL FOR THE INSTALLATION,
CONTROL AND MAINTENANCE OF
PHOTOVOLTAIC SYSTEMS

- Check the hardware and design during the installation.
- Quickly detect and locate malfunctions.



Instantaneous measurements



Immediate STC conversion



Malfunction detection



Sensor box

Irradiation and temperature measurements transmitted to the main box by radio link.

Measurements are taken on one or more modules in series and/or parallel.

Main box

Measurement of the module current/voltage characteristics.

- Up to $\pm 5\%$ accuracy
- References calibrated by ESTI ((European Solar Test Installation)
- Patented system



Intuitive, handheld, with displays, saves and exports measures and characteristics (STC).

Range of use

Kind of module	Monocrystalline and polycrystalline <i>Please, contact us for any other technology</i>
Measuring and calculated values	Vizualisation, save and reload : Isc, Voc, Pmpp, Vmpp, fill factor, serial resistance, immediate STC correction of measurements, U-I and U-P curves, maximum voltage and current, voltage drop
Use temperature	-15 to 65°C (5 to 149°F)
Irradiation	From 400W/m ² (cloudy weather)
Languages	French, English, German (<i>not exhaustive list</i>)

Electric characteristics

	Main box	Sensor box
Measurable instantaneous power	Maximum phase of 6kW (2000 pts par shoot)	-
Current	0 to 24 A (±0,1%)	-
Voltage	1000 Vcc (±0,1%)	-
Irradiation	-	0 to 1300W/m ² (±4%)
Temperature	-	-15 to +65°C (±0,5°C)

Mechanical characteristics

	Main box	Sensor box
Dimensions / weight	210mm x 105mm x 41mm / 510 g	160mm x 82mm x 41mm / 310 g
Total weight with case	Approximately 4.5 kg	
Screen	LCD color screen 3.5"	-
Com. between boxes	433 MHz radio (400m on open field)	
Run-time	13h in used / 35h in sleep mode	25h
Supplied accessories	<ul style="list-style-type: none">■ Transport case■ 2 Go SD card■ Cables with MC3 and MC4 connectors (others upon request)■ Universal sensor box mounting■ Cables with MC3, MC4 and SUNCLIX connectors (others upon request)■ User instructions■ Report model (PC or Mac)	



Standards and warranty

Standards	<ul style="list-style-type: none">■ In compliance with IEC 60891 and 61010■ CE mark
Warranty	12 months

Additional services upon request

- Training of your teams
- Calibration with provision of a report
- Spare parts
- Made in France

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