

PYRANOMETER CALIBRATION

Would you like to have greater control over the process and planning of your pyranometers' calibration? Do you want to ensure accurate measurement of your photovoltaic plant's performance? Do you need your pyranometers calibrated within a short timeframe?



Internationally accredited by ENAC/ILAC under ISO 17025 for calibrations according to ISO 9847



Calibrations year-round and independent of ambient conditions



Equipment calibrated within 48 hours



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Why is calibration important?

The measurement of solar radiation, along with the measurement of generated energy, is a key aspect for calculating the performance of a photovoltaic plant and, therefore, for compliance verification processes of contractual obligations or investment plans.

In this process, the pyranometer plays a fundamental role by providing reliable data on the amount of received solar radiation. If the equipment is not properly calibrated, it will not be possible to obtain reliable and traceable information that allows for accurate calculations to make informed decisions.

Calibrations available at any time of the year

CIRCE is the only accredited laboratory in Southern Europe that is not subject to seasonality. It conducts immediate tests year-round following the indoor calibration procedure by comparison with a standard pyranometer as specified in ISO 9847.

Reduction of lead times in the calibration process.

Upon receiving the pyranometers at the laboratory, depending on their quantity, calibration can be completed within 48 hours

What pyranometers can be calibrated?

Any pyranometer for which there is a reference standard, from the same manufacturer and technology, previously calibrated by the World Radiation Center (PMOD/WRC) in Davos, Switzerland. This includes, among others, pyranometers from major brands such as Kipp & Zonen, Hukseflux, or EKO.

