

Type of product: Testeurs de panneaux photovoltaïques
Name of product: FTV200

NEW

FTV200 Solar Panel Testers

Simplify your panel maintenance

The new FTV200 solar panel tester from Chauvin Arnoux completes its range of measuring instruments for solar power installations. Alongside the FTV100 solar-power installation tester, the FTV200 simplifies **solar panel maintenance**.

Designed and developed to optimize solar panel maintenance, the FTV200 is particularly ergonomic and easy to use.

Because it is delivered in a site-proof box, you can easily take the instrument with you wherever you go. The display resolution of 500 measurement points per curve and the zoom function provide unrivalled quality for viewing the measurement curves.

The FTV200 also offers an exceptional ergonomic feature: its integrated library containing the specifications of several thousand different types of solar panels! The tests are validated by comparing the stored curves (STC) with the measurement curves (OPC). The colour screen makes it even simpler to read the result.

This high-performance instrument is designed for solar-panel maintenance, troubleshooting and efficiency-testing professionals. The FTV200 is the ideal solution for routine maintenance and the detection of any faults on solar-power installations.

It offers a full range of functions and can be used to check the current and voltage (I-V) characteristics of the panels tested. The FTV200 indicates the open-circuit voltage (Voc), the short-circuit current (Isc) and the peak power of modules or panels.

The FTV200 also tests the string for installations up to 1,000 V and 10 A. The measurements made with the FTV200 are instantly compared with the manufacturer data present in the library integrated in the instrument. The result, displayed immediately, defines whether the panel is working correctly or not. This comprehensive result includes the panel's internal resistance Rs.

The FTV200 can be used to perform the tests required by the EN 62446 standard on a panel or string of panels. With the FTV200, all the measurements are performed in accordance with the IEC / EN 60891 standard. To comply with this standard, the inclinometer included with the instrument must be used. The pyranometer delivered with the instrument ensures the measurement accuracy required by the European standards.

The FTV200 is equipped with a USB output for data transfer. It is delivered with management software for recovering the measurement results and customer data. It can also be used to print reports. The integrated specifications library in the FTV200 can be upgraded via this management software.



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