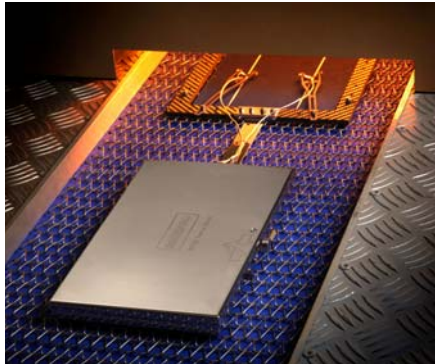


## NEWS RELEASE

*For immediate release*



**Photon**  
EXPO



### **Datapaq<sup>®</sup> Introduces New Temperature Profiling Systems For Photovoltaic Cell and Module Manufacturers**

*SolarPaq solutions optimize contact firing, anti-reflective coating and lamination processes*

**Cambridge, UK**, March 2010 — **Datapaq**, the world's leading supplier of temperature profiling systems, will introduce three new products for photovoltaic cell and module manufacturers at the **6th Photovoltaic Technology Show 2010 Europe** held April 27-29 in Stuttgart, Germany. The new products will also be on display at the **25<sup>th</sup> EU PVSEC** in Valencia, Spain, in September 2010.

Datapaq designed the innovative **SolarPaq** systems to provide temperature-profiling solutions for the contact firing, anti-reflective coating and lamination processes. These operations are all key to the quality and performance of the final photovoltaic cell and hence, module. The SolarPaq system travels through the furnace or thermal process, measuring a time temperature profile directly from the product.

The **SolarPaq Anti-reflective Coating System** provides temperature profiles from the solar cells as they pass through the silver nitride coating process. This is typically conducted using a plasma sputtering process and users can now for the first time monitor the cell temperature profile even with the plasma energized. This system has been designed so that it simply takes the place of one of the cells in the carrier, thus no modification is required to the expensive carrier.

Incorporating feedback from process engineers using the Datapaq profiling system in contact firing furnaces, the **SolarPaq Contact Firing Cell Clamp** is paired with custom-designed thermocouple probes to ensure accurate and repeatable measurements—the foundation for any process optimization.

The **SolarPaq Vacuum Lamination System** is used to profile the final assembly stage of the solar modules. An all-new thermal barrier ensures that the data logger is protected from not only the heat of the lamination process, but also the external pressure that is applied. A unique external barrier frame eliminates the risk of any stress points being created on the vacuum membrane.

## About Datapaq

Founded in 1984, Datapaq manufactures in-process temperature profiling systems that provide key information on the effectiveness of industrial heating processes. Using the most advanced and tested techniques for accurately gathering and storing information, Datapaq has created industry specific standards to analyze, synthesize and report information in a precise and succinct manner. Recognized as an industry leader, our products serve automotive, finishing, solar manufacturing, can manufacturing, textile processing, ceramic manufacturing, PCB surface mounting, heat-treating, and food processing industries throughout the world.

Datapaq, a Fluke company, has joined Raytek and Ircon as *The Worldwide Leaders in Temperature Measurement and Profiling*.

For more information, visit [www.datapaq.com](http://www.datapaq.com), [www.ircon.com](http://www.ircon.com) or [www.raytek.com](http://www.raytek.com).

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