



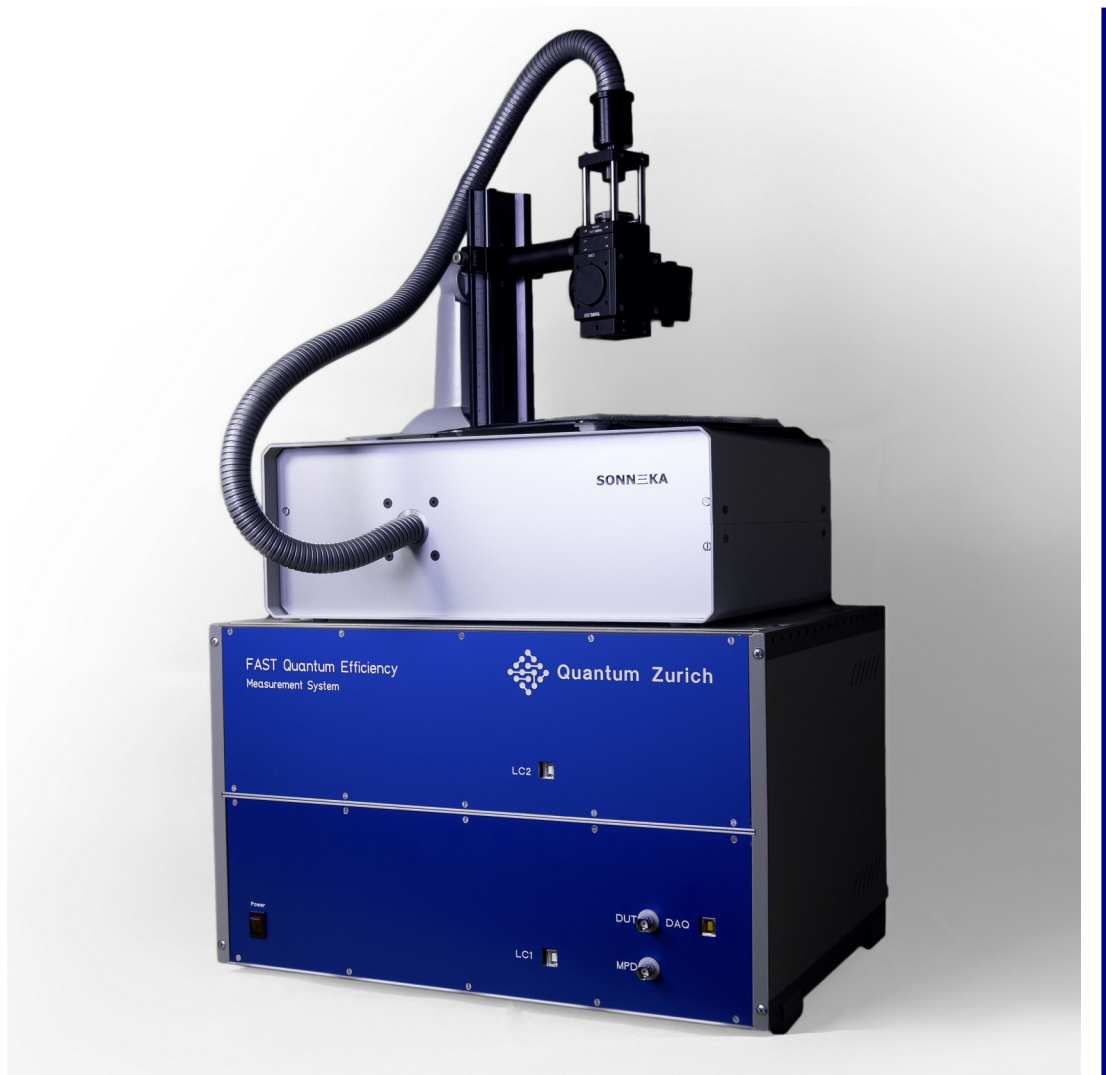
FAST Quantum Efficiency Measurement System

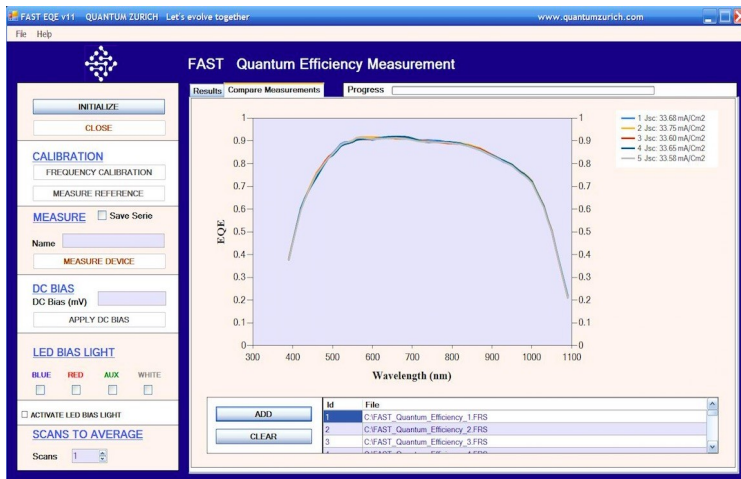
High-speed operation by performing a single measurement in **only 8 seconds**, which has to be compared with the nearly 8 minutes necessary to perform the same measurement with a traditional monochromator-based system.

Save Time. Save space. Save Work. Save Costs

Measure your solar cell's quantum efficiency 5900% faster than with any other system

Simply made to rocket up your solar cell manufacturing R&D





Ready to use in 1-Click

The FAST QE system is delivered with a graphical user interface that allows measuring the quantum efficiency very FAST (1-click).

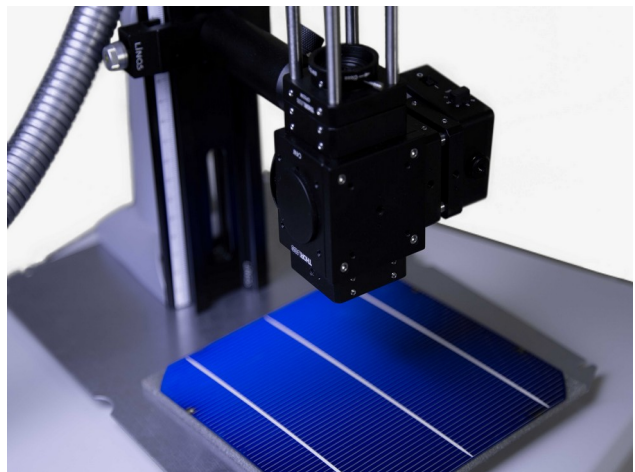
Its excellent reproducibility allows appreciating small differences between the quantum efficiency of different devices.

(Left: 5 measurements performed on the same device).

Flexible and ready for automation

The FAST QE system has a flexible head that makes its incorporation in systematized processes easy and possible, in both horizontal and vertical configurations.

Easily adaptable. Easy to integrate in your automated measurement and control system. Ready to implement in your daily measurements. It is also small in size, allowing quick and easy installation in any manufacturing line.



Instrument Specifications

Measurement time	8 s
Spectral range	300 – 1200 nm
Spot size	1 - 12 mm
Monitor photodiode	Yes
Working distance	5 cm
No. of wavelengths	48
Light source	LED-based
Bias Light	Red / Blue
Bias Voltage	(+/-) 5000 mV
Probe connector	Male BNC
Operating system	Windows
Operating Voltage	220 V
Dimensions	45Wx28Hx38D cm
Dimensions	37Wx14Hx30D cm
Weight	40 Kg

Warranty

You receive unlimited downloads and installation of the graphical user interface, including free updates.

You receive a warranty for electronic parts and labour on defects in material and workmanship for a period of 1 year. This warranty also includes worldwide return shipping.

Online and e-mail technical support is available during setup and qualification.