

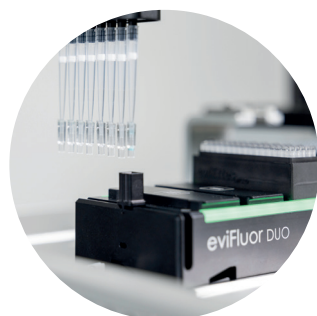


eviFluor Duo Fluorometer

In-Process Nucleic Acid Quantification

Measure Fluorescence Right At The Pipette Tip

The eviFluor Duo Fluorometer is a high-sensitivity, dual-channel module that seamlessly integrates on-deck into liquid handler workflows. With a micro-cuvette connected directly to the pipette tip, DNA and RNA quantification and quality control are performed in-process and without manual intervention. This innovative technology delivers reliable readings while maximizing walk-away time and reducing reagent consumption – enhancing overall lab efficiency.



Time and cost savings

In-process measurements eliminate manual interventions, reduce reagent consumption and maximize walk-away time



Precise and reliable

Automated, on-deck measurements deliver consistent results and reduce errors resulting from manual handling



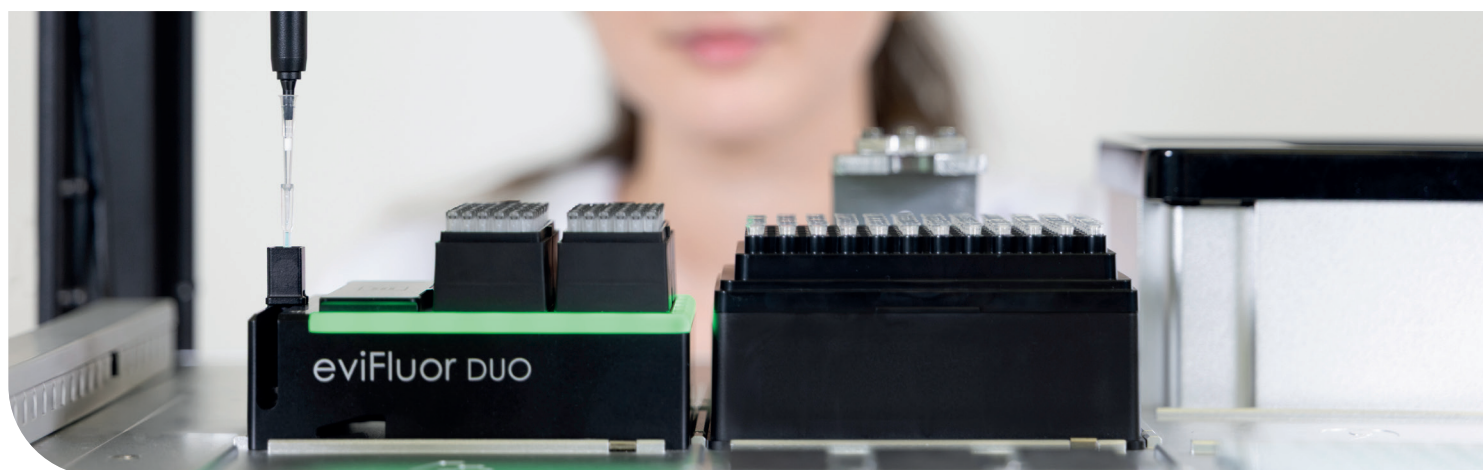
Intelligent data handling

Integrated sample identification, data capture, and transfer enhance traceability and eliminate transcription errors



Space saving

The eviFluor Duo fits into a standard SBS plate position, requiring minimal space and allowing seamless integration into liquid handlers



Technical Specifications

Measurement principle	Fluorescence measurement
Light source	LED peak 470 and 625 nm
Excitation wavelength	470 nm / 625 nm
Emission wavelength	520 nm / 680 nm
Detectors	Si-Photodiode
Min. sample volume	1 μ L
Total measurement volume	10 μ L
Measurement acquisition time	1 s
Calibration type	2 point standard
Compatible cuvettes	eviEtte Micro Cuvettes
Dimensions	Base Socket (W x D): SBS format, 128 x 85 mm (5 x 3.4 in) H: 68 mm (2.7 in) including racks filled with cuvettes
Weight	0.6 kg (1.3 lb)
Communication interface	USB Type C (Protocol USB 2.0)
Environmental conditions ¹	15 - 30 °C (59 - 86 F), 20 - 70% relative humidity (non-condensing)
Altitude	Up to 2000 m (6500 ft)
Operating voltage	5 VDC (USB Type C)
Certifications and compliance	CE marked (conforming with applicable EU directives) cMETus certified (conforming with US and Canadian safety standards)

¹ Refer to assay kit documentation for specific temperature requirements

