

# Quantus™ Fluorometer

## Personal Fluorescence Quantitation

An affordable yet sensitive single-tube fluorometer for fluorescence-based quantitation of nucleic acids and proteins.

### Seamless Workflow

The Quantus™ Fluorometer is preprogrammed with protocols for QuantiFluor® Dye Systems for single-stranded DNA, double-stranded DNA and RNA quantitation. The instrument is compatible with other fluorescent quantitation assays.

With the free Quantus™ Software, the instrument can be connected to a personal computer to transfer data in real time.

### Superior Sensitivity

Use of the Quantus™ Fluorometer with QuantiFluor® Dyes provides sensitivities up to 200 times higher than that of absorbance-based quantitation. The sensitivity and broad dynamic range makes the Quantus™ Fluorometer perfect when working with samples types such as formalin-fixed paraffin-embedded (FFPE) tissue that contain low levels of nucleic acid.

### Specificity

Fluorescence-based nucleic acid quantitation methods are more specific than absorbance-based methods that rely on  $A_{260}$  or  $A_{280}$  measurement.

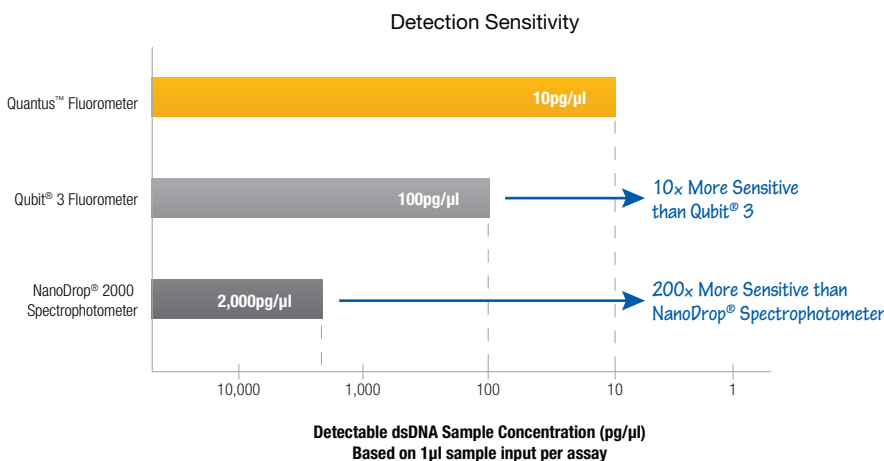


### Cost Savings

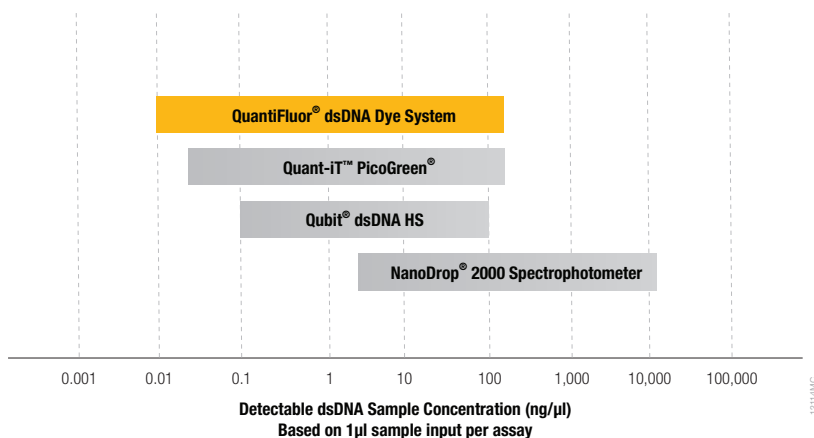
You can save up to 25% compared to similar instruments. Plus, there is no requirement for a computer or special accessories.

### Ease of Use

Intuitive menus and a large display allow easy navigation. The single-point calibration process saves time by eliminating the need to generate a standard curve for each set of unknown samples. The Quantus™ Fluorometer saves the calibration data.



## Improved Sensitivity vs. Absorbance and Other dsDNA Fluorescent Quantitation Systems



Specifications	
Size	22.7 × 11.5 × 4.5cm (L × W × H)
Weight	400 grams
Linear Dynamic Range	Five orders of magnitude, assay-dependent
Detectors	Solid state silicon sensor
Excitation Filters	Red, 640nm shortpass; Blue, 495nm shortpass
Emission Filters	Red, 660–720nm; Blue, 510–580nm
Calibration Type	Single-point (blank and standard)
Sample Tube	0.5ml PCR tube
Automatic Sleep Mode	After 1 hour of inactivity
Power Requirements	5V, 0.2A maximum
Operating System Requirements (for optional Quantus™ Software)	Windows® 8, Windows® 7 (32 or 64 bit), .NET Framework 4.0 or later, At least one USB port available
Warranty	1 year

For more information about the Quantus™ Fluorometer, visit:

[www.promega.com/Quantus](http://www.promega.com/Quantus)

### Ordering Information

Product	Size	Cat.#
Quantus™ NGS Starter Package	1 each	<a href="#">E5150</a>
Quantus™ Fluorometer	1ml	<a href="#">E6150</a>
QuantiFluor® ONE dsDNA System	100 reactions	<a href="#">E4871</a>
	500 reactions	<a href="#">E4870</a>
QuantiFluor® dsDNA System	1ml	<a href="#">E2670</a>
QuantiFluor® ssDNA System	1ml	<a href="#">E3190</a>
QuantiFluor® RNA System	1ml	<a href="#">E3310</a>

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