



## QFX Fluorometer



- **Best-in-Class Dynamic Range & Sensitivity**  
*0.5 pg/ $\mu$ L - 4000 ng/ $\mu$ L dsDNA*
- **Wi-Fi, Ethernet, USB**
- **Export via Email, Network Drives & Printers, USB**
- **UV, Blue, Green, Red Fluorescence**
- **Android™ OS with Intuitive EasyApps®**

### Intuitive, Affordable and Broadest Dynamic Range

The DeNovix QFX Fluorometer offers the widest dynamic range, greatest sensitivity and ground-breaking ease-of-use. Systems feature a 7" HD touchscreen, Android operating system and intuitive, pre-installed EasyApps. Use as little as 1  $\mu$ L of sample and choose from pre-installed DeNovix dsDNA Fluorescence Quantification assays, commonly used Qubit® and Promega® assays, or easily save custom assays. Systems are maintenance free and include a three year factory warranty.

### Connect to Your Results



The QFX includes built-in Wi-Fi, USB and Ethernet connectivity, providing researchers with the ability to share, save and review data in the manner that best suits them. Easily export results to e-mail, network drives and printers, USB drives, LIMS systems and label printers. Users and administrators may set up password protected accounts and save custom configurations and assays.

### Free Trial Program

DeNovix offers free one week evaluations for customers who wish to test the QFX in their lab. DeNovix will pay for shipping to and from your facility. Visit [denovix.com](http://denovix.com) for program terms and to submit a request.

## Compare to Qubit®

The QFX is the new gold standard for rapid fluorescence quantification. The QFX and DeNovix dsDNA fluorescence assays outperform the combination of Qubit® and Qubit® assays in sensitivity, dynamic range and features. Increase the sensitivity of dsDNA detection 20-fold with the unique Ultra High Sensitivity dsDNA assay. Quantify 0.5 pg/μL to 4000 ng/μL dsDNA utilizing only 1 - 20 μL of sample.

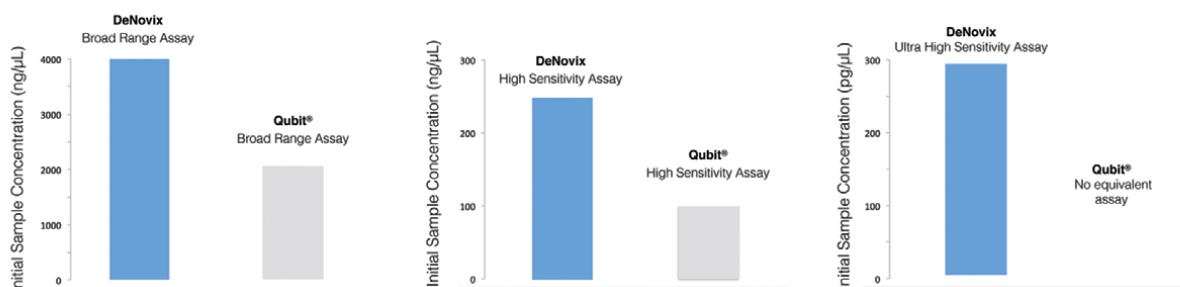
Feature	DeNovix QFX	Qubit® 3.0
Dynamic Range (dsDNA)	0.5 pg/μL - 4000 ng/μL*	10 pg/μL - 2000 ng/μL**
Fluorometer Channels	UV, Blue, Green, Red	Blue, Red
Connectivity	USB, Ethernet, Wi-Fi	USB
Export options	Network folders & printers, label printers, email, USB	USB
Storage Capacity	8 GB (> 2 million samples)	1000 sample limit
Warranty	Three Years	One Year

\* Using DeNovix dsDNA Fluorescence Assay Kits

\*\* Using Qubit dsDNA Assays

## DeNovix dsDNA Fluorescence Assays

Achieve a new level of sensitivity and reproducibility for dsDNA quantification by combining the QFX with the DeNovix suite of dsDNA assays. Choose from three ranges of sensitivity: Broad Range, High Sensitivity and Ultra High Sensitivity. Each assay is a simple mix-and-measure, two-point standard kit and is available in evaluation and larger sizes. DeNovix assays are both sensitive and specific, allowing accurate quantification of dsDNA in the presence of RNA, degraded DNA and other contaminants. The assays are also suitable for use with plate readers or the DeNovix DS-11 FX Spectrophotometer / Fluorometer.



## Specifications

### Fluorometer

LED Sources	UV (375 nm), Blue (470 nm), Green (525 nm), Red (635 nm)
Excitation Filters	UV (361-389 nm), Blue (442-497 nm), Green (490-558 nm), Red (613-662 nm)
Emission Filters	435-485 nm, 514-567 nm, 565 - 650 nm, 665-740 nm
Detectors	Photodiode, detection range 300-1000 nm
Tube Type	0.5 mL thin-wall PCR tubes

### Onboard Controller (No PC required)

Operating System	Custom Android OS
Display	1280 X 800 high definition color display
Touch Screen	7" high definition
Gesture Recognition	Multipoint touch, swipe, pinch

Glove Compatibility	All common lab gloves
Internal Storage	8 GB flash memory
Audio	Built-in speaker
Connectivity	Wi-Fi, Ethernet, 3 USB ports
Accessories	USB printer; barcode reader, keyboard, mouse

### General

Weight	1.5 kg
Footprint	27 X 20 X 10 cm
Operating Voltage	12 VDC
Approvals	UL/CSA, CE, FCC, Japan CAB
Manufacture Location	USA
Warranty	3 Year Standard
Colors	Arctic White, Brazilian Blue, Fire Red, Tangsten Silver

Qubit is a registered trademark of Thermo Fisher Scientific and its subsidiaries  
Promega is a registered trademark of Promega Corporation

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