



- **Best-in-Class Dynamic Range & Sensitivity**  
*0.5 pg/μL - 4000 ng/μL dsDNA*  
*250 pg/μL - 1500 ng/μL RNA*
- **Wi-Fi, Ethernet, USB**
- **Export via Email, Network Drives & Printers, USB**
- **UV, Blue, Green, Red Fluorescence**
- **Intuitive EasyApps® with Compatible Assays**

## 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 and intuitive, pre-installed EasyApps. The QFX includes four excitation sources and requires as little as 1μL of sample. The system is compatible with DeNovix dsDNA and RNA Fluorescence Quantification assays, commonly used Qubit® and Promega® assays, or user-configured custom assays. Systems are maintenance free and include a two 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.

## Compare to Qubit®

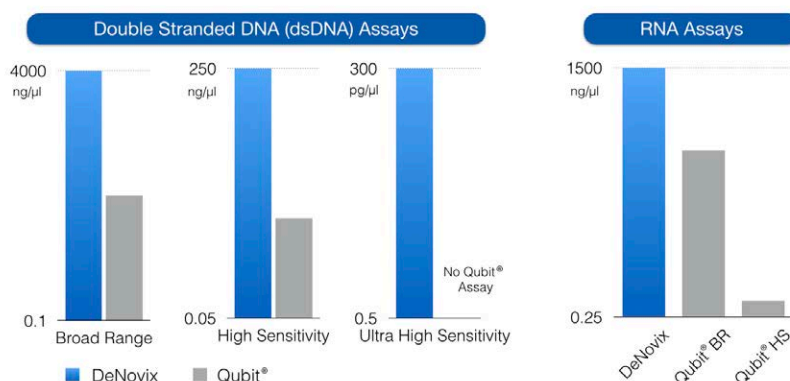
The QFX is the gold standard for rapid fluorescence quantification. The QFX and DeNovix dsDNA fluorescence assays outperform the combination of Qubit® and Qubit® assays in sensitivity, dynamic range and features. Increase the sensitivity of dsDNA detection 20-fold with the unique Ultra High Sensitivity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

Feature	DeNovix QFX	Qubit® 4
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	32 GB (> 5 million samples)	1000 sample limit
Warranty	Two Years	One Year

\* Using DeNovix dsDNA Fluorescence Assay Kits  
\*\* Using Qubit dsDNA Assays

## DeNovix Fluorometers and Assays Combine for Unmatched Sensitivity

DeNovix fluorometers combined with DeNovix assays outperform equivalent Qubit® kits in both sensitivity and dynamic range. DeNovix offers a full range of dsDNA and RNA kits. Each assay is a simple mix-and-measure, 2-point standard protocol. The breakthrough DeNovix dsDNA Ultra High Sensitivity Assay enables rapid and specific quantification to 0.5 pg/μL dsDNA and the single DeNovix RNA Assay has 1.5 x the dynamic range of both Qubit® assays combined.



## 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)

Display	7" high definition color touchscreen display
Gesture Recognition	Multipoint touch, swipe, pinch
Glove Compatibility	All common lab gloves
Internal Storage	32 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	2 Year Standard
Colors	Arctic White

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