

QFX Fluorometer



Best-in-Class Dynamic Range & Sensitivity

0.5 pg/μL – 4000 ng/μL dsDNA
250 pg/μL – 1500 ng/μL RNA

Flexible Export and Connectivity

Wi-Fi, USB, Email, Ethernet and more

Powerful EasyApps™ Software

Designed by Life Scientists, for Life Scientists

Four Channels

UV, Blue, Green, and Red Fluorescence

Intuitive, Affordable and Broadest Dynamic Range

The DeNovix QFX Fluorometer offers the widest dynamic range, greatest sensitivity, and ground-breaking ease of use. The QFX includes four excitation sources and requires as little as 1 μL of sample. The system is compatible with DeNovix dsDNA and RNA Fluorescence Quantification assays, commonly used Thermo Fisher Qubit™ assays, or user-configured custom assays.

Powerful EasyApps Software



Fluoro
dsDNA



Fluoro
RNA



Fluoro
ssDNA



User
Accounts



Available
Add-On

Maintenance-Free Design

No need for routine recalibration or scheduled maintenance procedures.

Award-Winning Application Support

Our expert team of application scientists is ready to assist with specific questions related to your workflow.



Free Trial Program

- ✓ 1 Week
- ✓ Free Shipping to Your Lab
- ✓ Virtual Demos Available

Data & Connectivity



- Wi-Fi, Ethernet, and USB connectivity; export via email, network & label printers, USB, and network drives
- Automatically stores millions of results onboard; easy to search, sort and analyze archived data
- Built-in email and user account management

Compare to Thermo Fisher Qubit™ Fluorometer

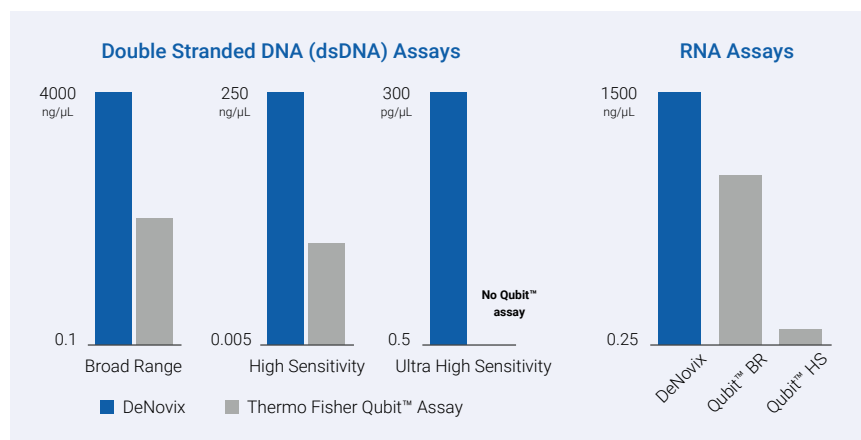
The DeNovix QFX Fluorometer is the gold standard for rapid fluorescence quantification. The QFX and DeNovix dsDNA Fluorescence Assays outperform the combination of Thermo Fisher Qubit™ and Qubit™ assays in sensitivity, dynamic range and features.

Feature	DeNovix QFX	Thermo Fisher Qubit™ 4 Fluorometer
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
21 CFR Part 11 Software	Available option	Not available

* Using DeNovix dsDNA Fluorescence Assay Kits

** Using Qubit dsDNA Assays

Comparison of DeNovix and Thermo Fisher Qubit™ Assay Kits



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 Thermo Fisher 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
Measurement Time	<1 second
Power Consumption	10 W (max 36 W)

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User Interface

Display	7" high definition color touchscreen
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, 2 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