

The highly sensitive, intuitive fluorometer every lab can afford

Easy Just Got Easier!

The QFX includes pre-installed DeNovix EasyApps® and is ready for fluorescence measurements right out of the box. Utilize the intuitively designed apps for nucleic acid and protein quantification or easily create custom fluorometric methods for your own applications.

Fluorescence Freedom!

DeNovix fluorometers give scientists the flexibility to choose any fluorescence assay from any manufacturer. The innovative optical core with four fluorescence channels excites a wide range of fluorophores. Choosing the QFX ensures researchers have the hardware and software to meet today's lab requirements and future assay developments.



- UV, Blue, Green and Red excitation
- Patent Pending Optical Core
- HD Touchscreen & Android™ OS
- Flexible Export: Wi-Fi, Email, USB, Network Printers and More



Applications

- | | |
|--------------------------|--------------------|
| DNA Quantification | RNA Quantification |
| Protein Quantification | GFP Quantification |
| Custom Assay Development | Fluorescent Dye QC |

QFX Channels

Channel	Excitation	Emission
UV	375 nm	435-485 nm
Blue	470 nm	514-567 nm
Green	525 nm	565-650 nm
Red	635 nm	665-740 nm

DeNovix Fluorescence Quantification Assays

A simple, target-specific suite of assays optimized for rapid, accurate quantification

Utilizing novel fluorescent dyes and simple mix-and-measure assay set up, DeNovix Fluorescence quantification assays provide a quick, sensitive and reproducible way to quantify biomolecules.

The unique spectral properties of the fluorophores used in the DeNovix assays emit fluorescence only when attached to the target molecule. This ensures highly specific measurements across a wide dynamic range.

Kits are available in evaluation and 1000 assay sizes.

Broad Range: 0.1 ng/μL to 2000 ng/μL (extended to 4000 ng/μL)



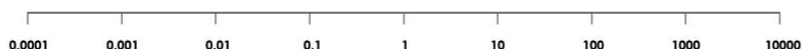
High Sensitivity: 5 pg/μL to 250 ng/μL



Ultra High Sensitivity Assay: 0.5 pg/μL to 300 pg/μL



■ Standard Range
■ Extended Range



Ultra-High Sensitivity • Target-Specific Quantification • Mix-and-Measure Protocol

QFX Specifications

Light Sources	UV LED (~375 nm), Blue LED (~470 nm), Green LED (~525 nm), Red LED (~635 nm)	Operating System	Custom Android™ OS
Excitation Filters	UV: 361-389 nm, Blue: 442-497 nm, Green: 490-558 nm, Red: 613-662 nm	Display	1280 X 800 high definition color display, Touch screen with swipe and pinch motion; glove compatible
Emission Filters	Channels: 435-485 nm, 514-567 nm, 565-650 nm, 664-740 nm	Connectivity	Ethernet, Wi-Fi & 3 USB ports for printer, barcode reader and USB drive
Detectors	Photodiode, detection range 300-1000 nm	Storage	8 GB memory
Tube Type	0.5 mL Real Time thin-wall PCR tube (polypropylene)	Colors	Arctic White, Brazilian Blue, Fire Red, Tungsten Silver
Measurement Time	2 seconds	Approvals	CE, UL/CSA, FCC and Japan CAB
Dimensions	27x20x10 cm	Weight	1.5 kg