

DIALUNOX



Lateral Flow Reader for a wide range
of fluorescence and colorimetric rapid tests

ESEQuant[®] Flex Fluo *The Specialist*

Accurate, precise and compact

ESEQuant Flex Fluo - Bring your lateral flow tests to the next level

The ESEQuant Flex Fluo is a rapid test reader platform that can interpret fluorescence and/or colorimetric lateral flow tests across various applications. It enables users to interpret assays qualitatively, semi-qualitatively, or quantitatively using test-specific bands. The ESEQuant Flex Fluo even facilitates the interpretation of both colorimetric and fluorescence lateral flow tests. The built-in fluorescence detector provides a wide range of flexibility for any fluorescence dye, and it even allows the combination of two channels.

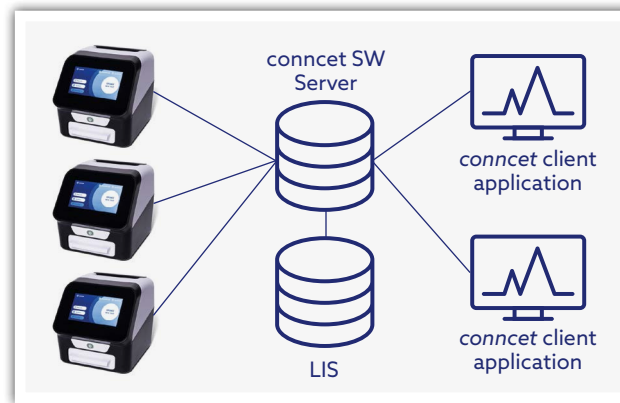
Our top-of-the-line lateral flow reader is distinguished by a high degree of flexibility for customer-specific applications, along with the advantage of seamless integration into a wide variety of networks. The ESEQuant Flex Fluo allows users to digitally interpret and evaluate tests, thereby enhancing patient safety. The digital data transfer also contributes to increased efficiency in hospitals.

Features at a glance:

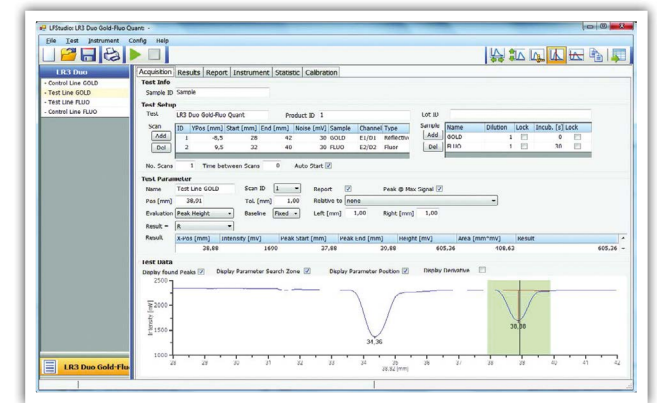
- LIS connection
- User-centric workflow
- Low measurement variability
- Compatibility with all cassette formats (single or multiple strips)
- Sensitivity and flexibility (for any dye)



Scanning system and detector



Connect software



Test developer tools

Flexible options to meet your needs

Customize your very own reader

Accessories

- ✓ External printer
- ✓ External barcode reader

Detection/Raw Data Evaluation

- ✓ Compatible with any fluorescence and colorimetric dye (2 channels)
- ✓ Utilizes individual evaluation algorithms
- ✓ Features temperature compensation
- ✓ Compatible with all cassette types
- ✓ Compatible with any label type

Customization Options

- ✓ Customize your reader both internally and externally to perfectly suit your individual needs
- ✓ Tailor the fluorescence detector for your single or multiple strip assay

Housing

- ✓ Individual housing colors
- ✓ Company logo / device name on the reader
- ✓ Unique drawer for specific cassette design

Connectivity

- ✓ Wi-Fi
- ✓ Bluetooth®
- ✓ Cloud connection
- ✓ LIS support
- ✓ Customized middleware

Workflow /User Interface

- ✓ Customized GUI workflow
- ✓ Branded user interface
- ✓ Test methods are entered and/or verified via barcode

✓ Ready for market

Developer software tools

- ✓ Method creation
- ✓ Multiple ROI definitions per cassette or strip
- ✓ 2D barcode creation



Technical Specifications

Instrument

Size (L x W x H)

180 x 160 x 145 mm (7 x 6.3 x 5.7 in)

Weight

1.2 kg (2.6 lb)

User Interface

- Interactive 10.9 cm (4.3 in) touchscreen
- GUI in several languages
- 2D barcode reading functionality

Connections

- 3 x USB
- Ethernet
- Wi-Fi module optional

Connectivity

- External bar code reader
- Dymo label printer supported
- Data management software

Operating Conditions

15 - 35°C (59 - 95 F)

Humidity 10 - 70%

Optics

Customizable fluorescence detector

(2 channels)

Sensitive detection

Colorimetric and fluorescence detection

Surveillance

Supervision of optical system among multiple calibration standards (inside)

Performance

Dipstick length

90 mm

Cartridge

up to 90 x 41 x 8 mm (L x W x H)

Scanning range

48 x 24 mm (L x W)

Number of test lines per strip

Up to 11 test/control lines per strip

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