

LUMINA

LIQUIMETRIX

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LUMINA redefines accuracy in liquid volume measurement. Designed for 384 and 1536 well plates, it delivers sub- μ l precision, ensuring the reliability of your high-throughput screenings.

LIQUIMETRIX
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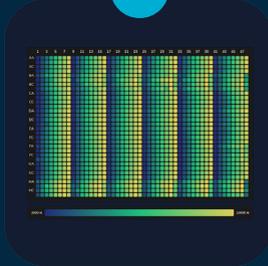
Key Features / How it works:

1



Measurement with contactless optical sensor

2



Easy control via intuitive software

3



Output data at your desired format

Contactless, rapid, and precise volume measurement technology offers compatibility with various microtiter plate formats, including 1536 and 384 wells.

This advancement ensures user-friendly operation through an intuitive interface, eliminating the need for dyes or additional substances. The seamless integration of features enhances efficiency in laboratory settings, providing a streamlined solution for accurate volume assessments.



Improves accuracy and reproducibility of assays



Reduces errors and delays in HTS workflow



* Depending on plate type – contact us for specific information / measurement with your plate types

Measurement Accuracy*:

- Down to +/- 50 nl in 1536 multi well plates
- Down to +/- 100 nl in 384 multi well plates

Automation Interfaces:

- Ethernet (TCP/IP) (compatible with e.g. SiLA)

Process Time*:

- Down to 60s for a 1536 multi well plate
- Down to 40s for a 384 multi well plate

Power Supply:

- 100-240 V AC // 50/60 Hz
- 90 W (max)

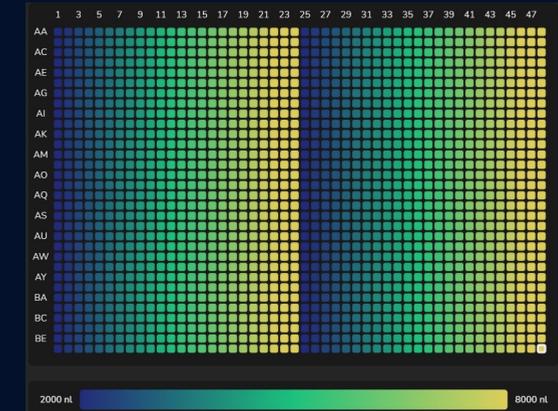
Product Dimensions:

- 330 x 330 x 330 mm (13 x 13 x 13 inches)

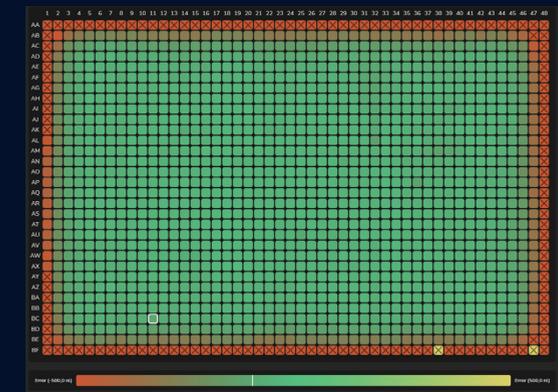
Weight:

- 15 kg (33 lbs)

Software / Application:



1536 well plate / absolute volume measurement



relative error in a 1536 well plate / evaporation effect