

eviDense

Automate Your DNA QC



 Fast & super small

 Easy to integrate

 No sample loss

Qualify and quantify your DNA and RNA

- No additional preparation steps
- Sensitivity down to 2ng/μL DNA
- Liquid handler on-deck module

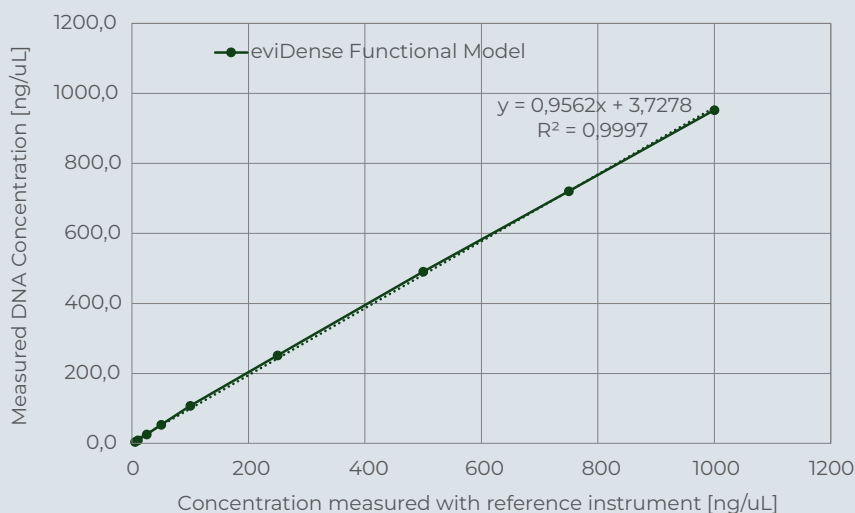
Comprehensive OD measurement

- DNA concentration (260nm)
- Protein contamination (280nm)
- Salt contamination (230nm)
- Background correction (340nm)

Ideal for automated PCR, dPCR, NGS workflows



Experimental data show equivalence to benchmark lab equipment



The system shows equivalent **performance** over the whole **dynamic range** as the established competitive systems.

Linear regression of salmon sperm DNA dilution series.
Mean value from 6 measurements.
Reference: QIAxpert from QIAGEN



Technical Specification

Measurement Principle	UV optical density (OD) measurement
Wavelengths	230, 260, 280 and 340 nm
Pathlength	1mm
Sample Volume	10 µL (recoverable)
Concentration Range	2 to 1,500 ng/µL for dsDNA, and 2 to 800 ng/µL for RNA
OD accuracy (260 nm) @ >10ng/µL	≤2.5 %
OD precision (260 nm) @ >10ng/µL	≤2.0 %
Acquisition Time	1 sec
Measurement Time, 96 Sample Plate	5 min
Tip Compatibility	Most 20...200 µL disposable tips, different brands
Light Sources	LED
Detector Type	Photodiode
Dimensions	Body (WDH): 136 x 96 x 83 mm (5.4 x 3.8 x 3.3 inch) Base Socket (WD): SBS format, 128 x 85 mm (5 x 3.3 inch)
Weight	0.500 kg (1.1 lbs.)
Communication Interface	USB Type-C (USB 2.0)
Software Interface	API and command line executable
Power Supply	Universal AC-DC adaptor Input 85 - 264 VAC Output: 24 VDC / 18 W 3 pole AC inlet (IEC320-C14)
Power Interface	2.1 x 5.5 x 11 mm DC Power Plug
Operating Voltage	24 VDC
Power Consumption	Operating: 4 W max, Standby: 0.85 W

Ordering information

Product Number	1002653
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Conserves Sample

eviDense **does not waste** any sample for the quality control.

Boosts Reliability

Seamless integration makes sample qualification a **quick routine step**.

Cost Effective

Avoids low-quality downstream results & contamination, saving time & costs.



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Find out more at blog.hseag.com/oem-component-measures-sample-quality

The eviDense test unit is for evaluation purposes only and is not yet certified to all applicable regulations and standards. It was tested according to and conforms with the following regulations and standards of the EU and the US