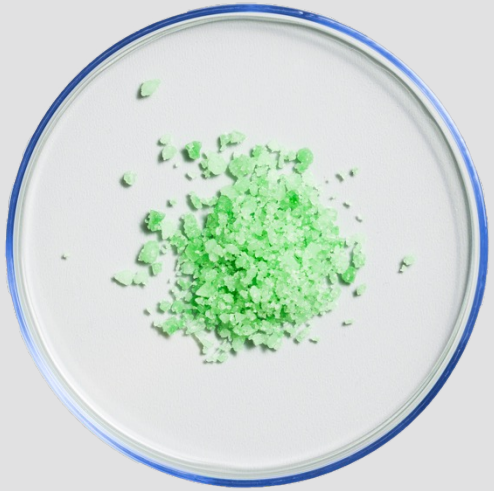
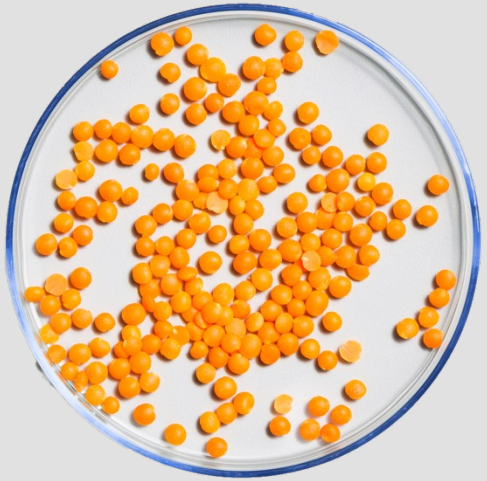
bioNova científica, s.l.

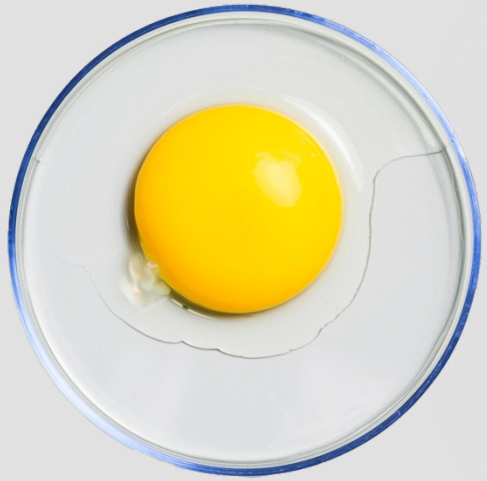
Absorbance One
Reduced to Perfection



Tailored to Your Application









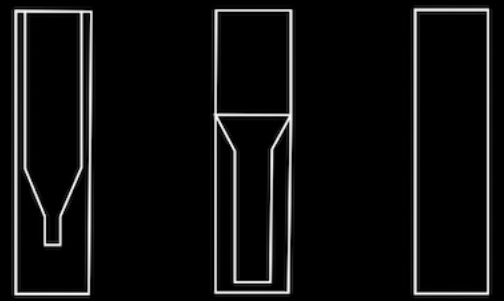
The Absorbance One brings world-class specifications to the palm of your hand. Disrupting the idea of centralized equipment, the Absorbance One's minimal footprint and low price point mean it is available to every lab - and even every workstation. Designed for specific applications, the Absorbance One is your decentralized cuvette photometer.



Into the Darkness

The discrete design of the Absorbance One places it among the premium cuvette spectrophotometers. Capable of reading up to 5 OD, the Absorbance One pushes the boundaries of dynamic range, while wavelengths from 280 to 1000 nm allow for a wide variety of assays.

The Absorbance One is capable of reading multiple cuvette variants, allowing for standard, semi-micro, and microvolume measurements.



Micro
50 µl

Semi-Micro
400 µl

Macro
1000 µl

bioNova científica, s.l. • Tel.: 915 515 403 • e-mail: info@bionova.es • www.bionova.es

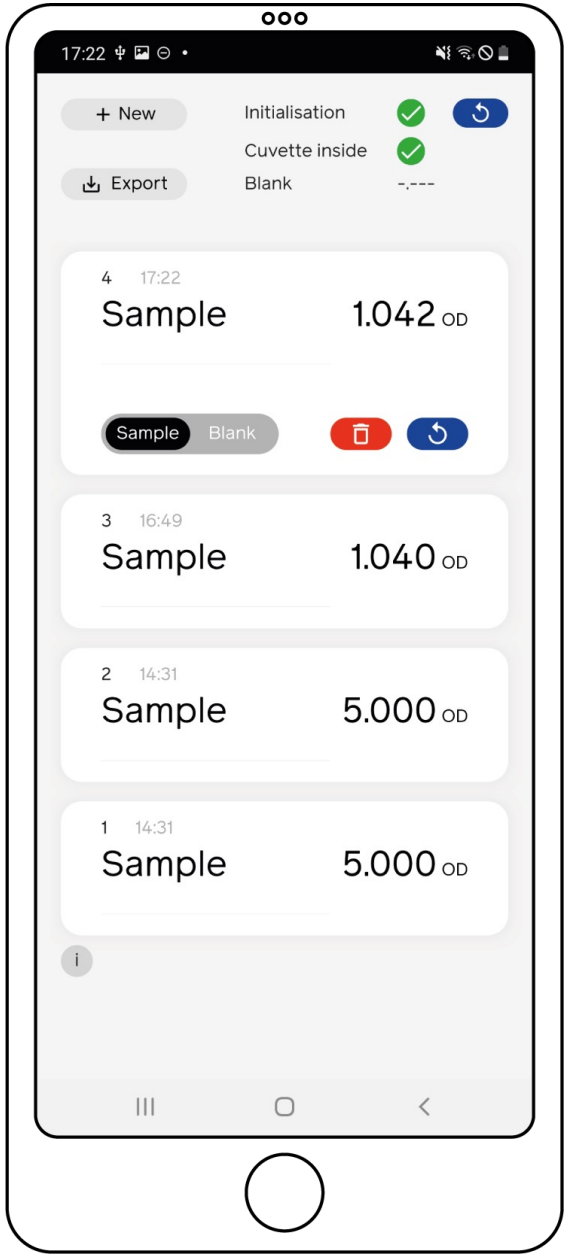
Almost Magical

The application of Byonoy's ambient light canceling technology results in an open design, allowing for quick and intuitive cuvette loading. Auto cuvette detection initiates measurement in a fraction of a second and results are displayed instantly in the Absorbance One App.



bioNova científica, s.l. • Tel.: 915 515 403 • e-mail: info@bionova.es • www.bionova.es

Auto measurement



A single USB cable connects the device to a computer, tablet or smartphone and provides access to the Absorbance One App, where a clean and user-friendly interface allows measurement results to be easily recorded and exported in the desired digital format.

Plug & Play

USB-Connection

Specifications

General	Type of product	Single beam, single wavelength cuvette photometer
	Detection method	Absorbance
	Detection mode	Endpoint
	Cuvette types	Micro, Semi-micro and Macro cuvettes
Measurement	Light source	1 x LED
	Wavelength	280, 340-1000 nm
	Measurement range	0–5.0 OD
	Resolution	0.001 OD
	Accuracy	≤ 0,5 % + 0.005 OD from 0.0–3.0 OD
	Reproducibility	≤ 0.5 % + 0.005 OD from 0.0–3.0 OD
	Linearity	≤ 0,5 % from 0.0–3.0 OD
	Temperature for measurement	5–50 °C
Physical characteristics	Power supply	USB connection 5 V
	Dimensions	33 mm x Ø 64 mm
	Weight	150 g
Software	Operating systems	Android, Windows, MacOS

Reenvision Laboratory



Contact us:

bioNova científica, s.l.

Tel.: 915 515 403
e-mail: info@bionova.es

www.bionova.es

byonoy