



Absorbance

Microplate Readers

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LabLogic

EXPERIENCE & EXPERTISE

Absorbance 96

The only truly portable plate reader in the world

The Absorbance 96 from Byonoy has been designed to give the user complete flexibility by creating a uniquely designed compact, solid state microplate reader with 96 detection units.

Portability

'The Absorbance 96 is the only truly portable plate reader in the world. Its robust design and USB power supply also make it the perfect tool for field use and mobile laboratories. Despite its compact form, the Absorbance 96 delivers precise and accurate results at an affordable price. Its portability enables on-site readout, eliminating the need for sample transport.'

Flexibility

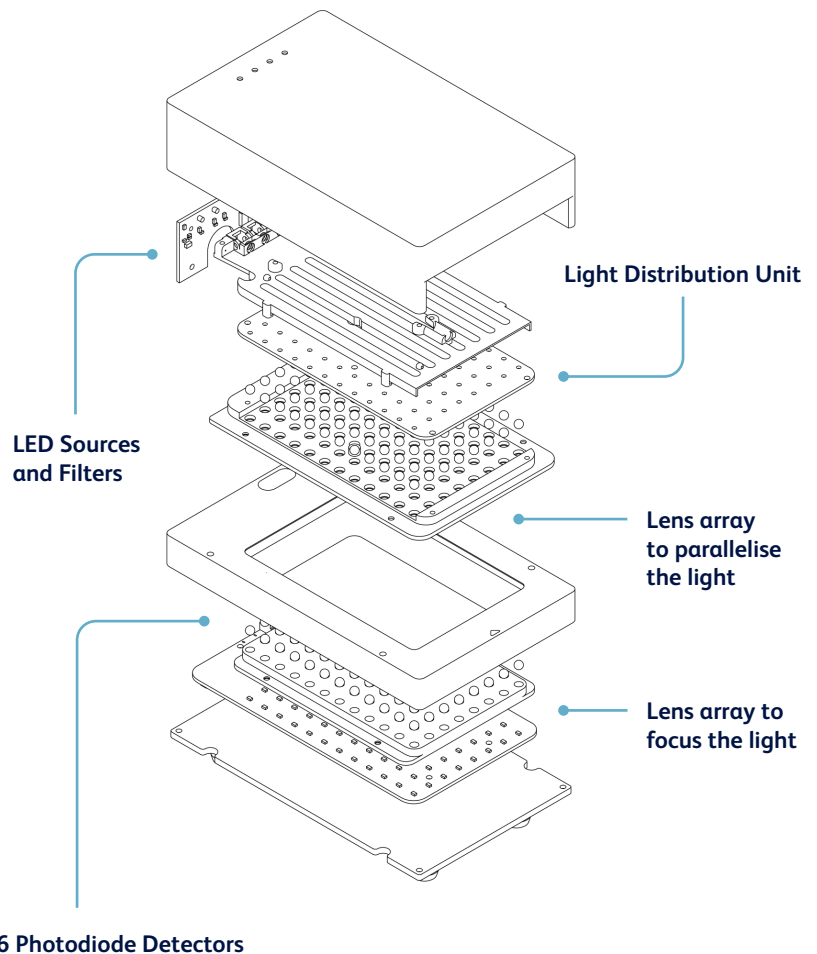
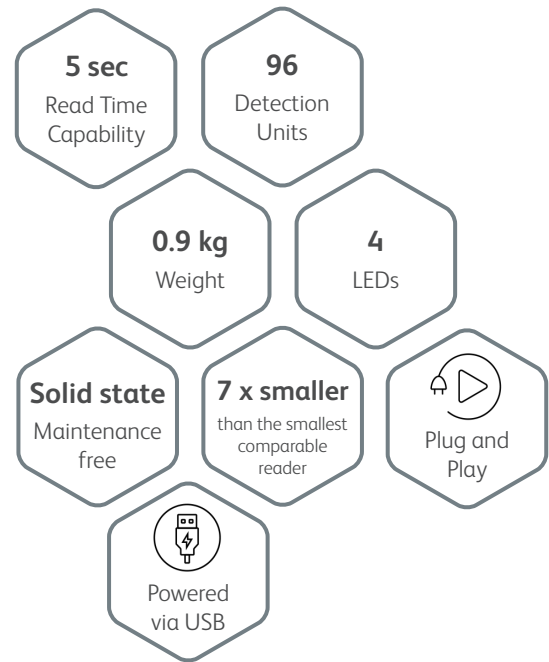
A variety of available wavelength combinations allows for a wide range of endpoint and kinetic assays in the 400 - 1000nm range such as:

- ELISAs – PNPP, ABTS, OPD, TMB.
- Protein assays – Bradford, BCA, Lowry.
- Cell-based assays – MTT, XTT, Cell density.

Solid state technology

The Absorbance 96 is the first microplate reader on the market to contain 96 individual detection units. This technology enables simultaneous signal detection, resulting in extremely fast photometric measurements.

Without the need to scan across multiple wells, the Absorbance 96 requires no moving parts. In combination with long-life LEDs, the solid state technology provides a maintenance-free user experience and ensures reliable, high quality results.



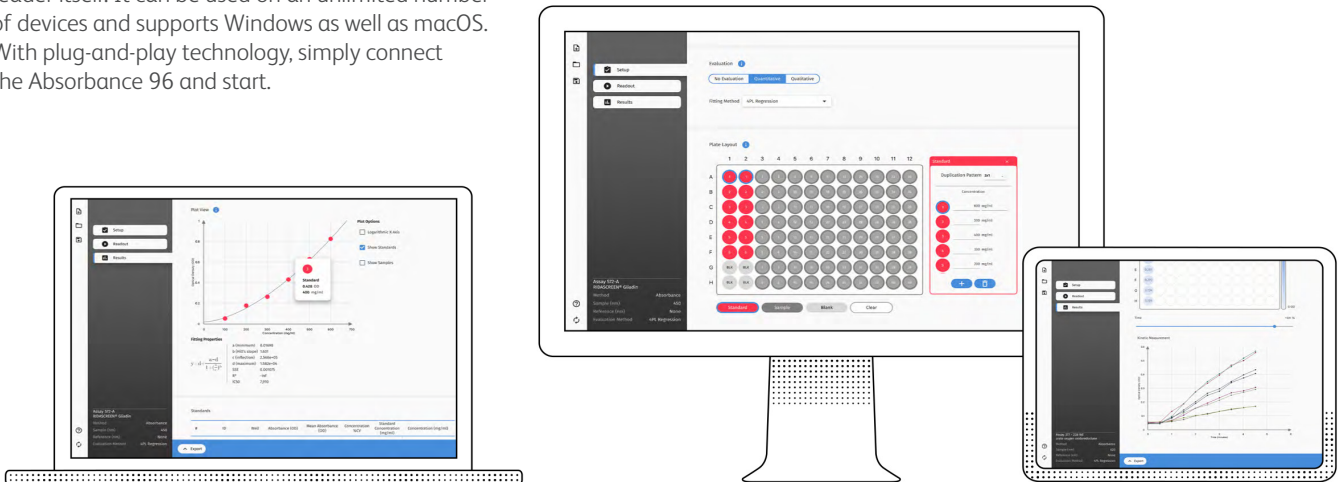


Absorbance 96

Intuitive software

Parting from tradition, the software features a modern, attractive interface with smooth navigation and a logical flow. The software also allows you to create custom protocols and reports with both quantitative and qualitative evaluation.

The Absorbance 96 software is as flexible as the reader itself. It can be used on an unlimited number of devices and supports Windows as well as macOS. With plug-and-play technology, simply connect the Absorbance 96 and start.



Absorbance One

Reduced to perfection

Byonoy's Absorbance One is a portable single-mode UV-visible spectrophotometer. Its affordability and compact design make it available to every lab and workstation, bringing cuvette reading straight to the palm of your hand.

Applications

Capable of reading up to 5 OD, the Absorbance One pushes the limits of dynamic range. For endpoint or kinetic measurements, a single wavelength per device means it can be tailored specifically to the desired colorimetric assay ranging from 260 to 1000 nm, including:

- 260 nm – RNA/DNA Quantification A260
- 280 nm – Protein Quantification A280
- 340 nm – NAD/NADH Quantification
- 562 nm – BCA
- 595 nm – Bradford
- 600 nm – OD600

Auto cuvette-detection, auto initialisation, auto measurement

The application of Byonoy's ambient light cancelling technology combined with the Absorbance One's smart design allows easy sample insertion. Auto-cuvette detection begins reading the sample immediately, with the results displayed instantly in the Absorbance One app.

A USB cable connects the device to your computer, tablet, or smartphone and provides access to the app, where a simple, intuitive interface allows measurement results to be easily recorded and exported into different files formats.



Service and Support

Users of our systems can benefit from our comprehensive, fully inclusive service and support.

We can give reassurance that if things go wrong or you need expert advice, help is only an e-mail or phone call away.

Validation Services

Our Validation Service enables you to implement and get maximum value from your investments as soon as possible.

We work as a partner with your Quality Manager, System Manager and users to provide a tailored Validation Plan, suited to your needs. Our Validation Specialists who have many years' of experience in GLP system validation, detailed knowledge of our systems, together with other industry standard systems to help you meet company and regulatory requirements.

Training

LabLogic can provide a variety of training courses and workshops to help you get the most out of your instrument and software.

All training is performed by our expert Product and Support Specialists who have many years experience in the development and use of the instruments and software.

Certificates can be provided to complement your internal GLP training records.

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