

Microplate Readers



Hidex Sense

The Hidex Sense is a compact, state-of-the-art, multi-technology microplate reader which provides a powerful and flexible platform for performing any kind of assay without limitations.

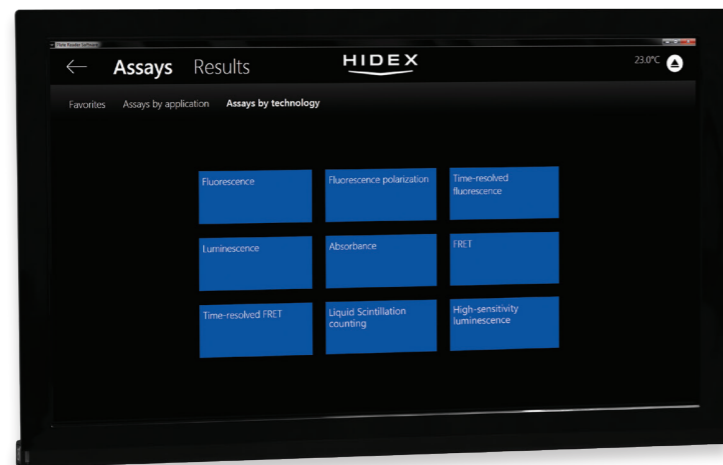
The Beta Plus version of the Sense uniquely combines liquid scintillation counting (LSC) with all common non-radiometric measurements.

The dedicated PMT detector for LSC also provides users with up to 10 times more sensitivity for luminescence than other common plate readers.

Multi Technology

The Hidex Sense uniquely combines:

- Fluorescence
- Absorbance
- Luminescence
- Fluorescence Polarisation
- TR – Fluorescence
- FRET
- TR-FRET
- Dual Excitation Fluorescence
- BRET
- AlphaScreen® (Optional)
- High Sensitivity Luminescence (Optional)
- Liquid Scintillation Counting (Optional)



Intuitive Software

Comprehensive Assay Library

The software includes a comprehensive assay library and variety of data analysis tools for calculating a wide range of assay results.

Easy Export

Easy export of data to Excel or CSV, as well as the capability of importing and exporting templates makes the system ideal for multi-user environments.

User Friendly Interface

The touchscreen user interface is designed to make operation quick and simple. Application focused operation minimises time spent on instrument training and reading manuals. Favorite and recent assays are also shown upfront on the screen, ready to run with a touch of your fingertip.



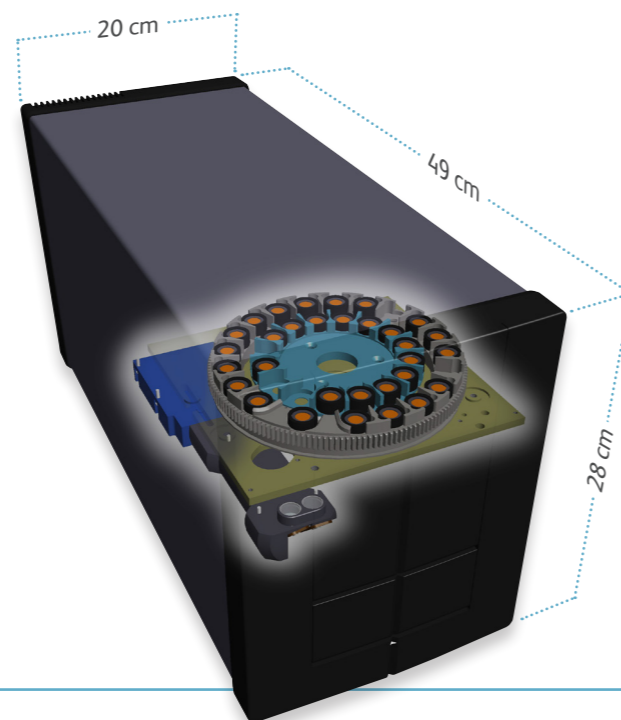
Innovative Design

Amazingly Compact

The compact size makes Sense ideal for even the smallest laboratory and allows it to be easily adapted for robotic integration or situated within environmental control cabinets.

Unique Filter Arrangement

The innovative optical filter wheel can hold up to 32 optical filters, eliminating the need to change filters frequently. Filters are automatically identified by the software and can be used for both excitation and emission without any limitation.



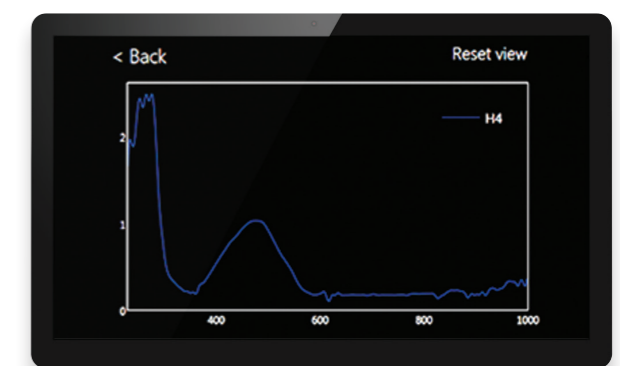
Superior Performance

Sensitivity and Speed

Utilising filter technology for fluorescence applications not only gives optimal sensitivity but also fast reading speeds.

Spectrograph

Protein quantification, enzyme activity and other photometric assays benefit from recording the full spectrum. Ultrafast spectrum readout is obtained in the Sense by using a high sensitivity spectrograph. The sample spectrum is scanned in less than a second, with no compromise to sensitivity.



Flexibility

Sense offers several other useful features, including:

- Temperature Control up to 65°C
- Stacker for high throughput.
- Incubation and Shaking (linear, orbital, double orbital).



- Kinetics (by plate or well).
- Multiplexing.
- Atmospheric Control Unit for user defined O₂ and CO₂ atmospheres.
- Automatic Dispensers.



Byonoy Absorbance 96

The Absorbance 96 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 such as:

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

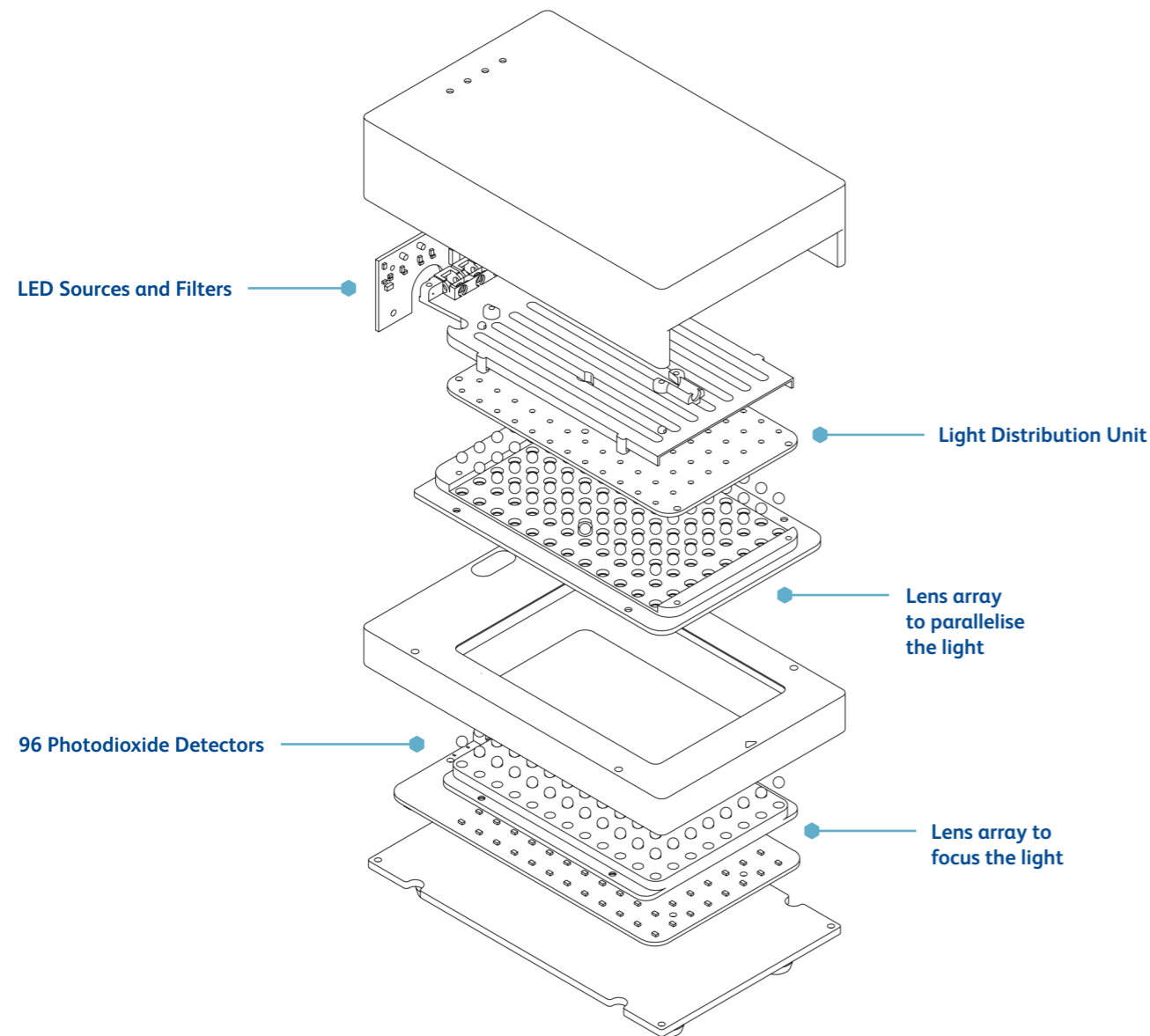
Its robust design and USB power supply also make it the perfect tool for field use and mobile laboratories.



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.

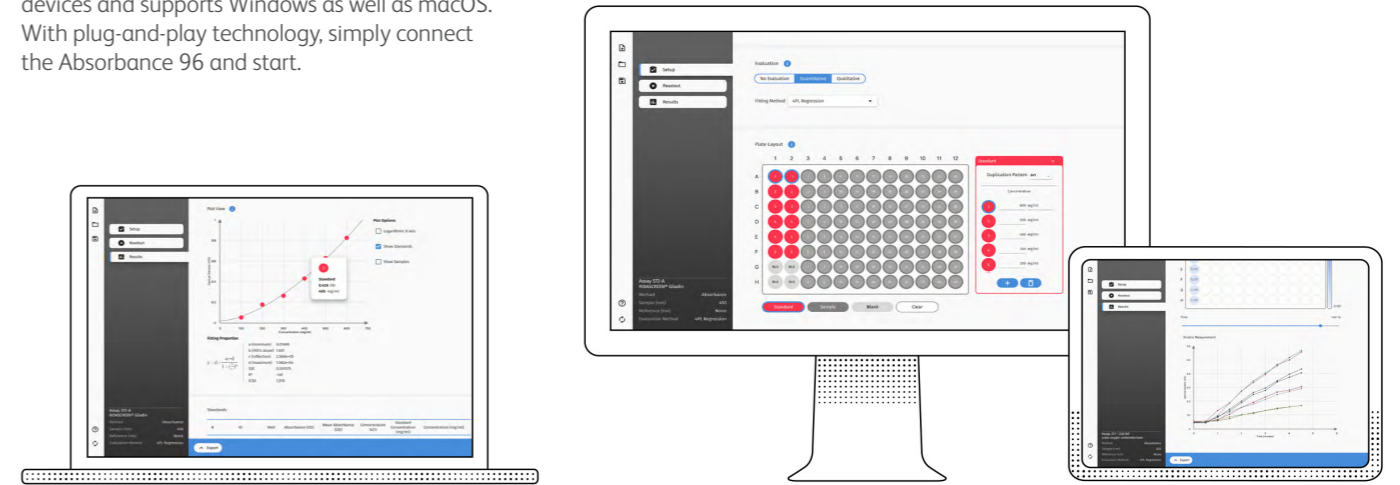
Without the need to scan across multiple wells, the Absorbance 96 requires no moving parts. In combination with long-life LEDs, the solid state technology provides a maintenance-free user experience and ensures reliable, high quality results.



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 multiple devices and supports Windows as well as macOS. With plug-and-play technology, simply connect the Absorbance 96 and start.





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 have 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 instruments 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.

Related Products

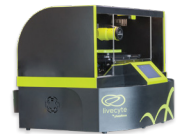
zenCell Owl

Live Cell Imager



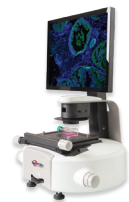
Livecyte

Kinetic Cytometer



InCellis

Smart Cell Imaging System



Europe & Worldwide

LabLogic Systems Limited

Paradigm House, 3 Melbourne Avenue
Broomhill, Sheffield, S10 2QJ, UK

E-mail: solutions@lablogic.com

Tel: +44 (0)114 266 7267

Fax: +44 (0)114 266 3944

www.lablogic.com



Certificate No: 1535
ISO 9001



Version 1.0 June 2020

USA & Canada

LabLogic Systems, Inc.

1911 N US HWY 301, Suite 140
Tampa, FL 33619, USA

E-mail: solutions@lablogic.com

Tel: +1-813-626-6848

Fax: +1-813-620-3708

www.lablogic.com



Certificate No: 10926
ISO 9001



EXPERIENCE & EXPERTISE