

HIDEX



Hidex **Sense** Microplate Reader

## Your scientific research is important to us

With the right tools we guarantee you can effectively focus on your work.

The Hidex Sense microplate reader is loaded with several unique innovative features to provide full flexibility at top performance.

With touchscreen operated software and the compact application ready microplate reader, we turn your applications into results, simply at your fingertip.



# For every assay in the lab

Regardless of technology, the Hidex Sense is ready to use with minimal setup. The comprehensive assay library of the software in combination with extensive instrument measurement capability offers immediate access to all your applications.

A versatile optical filter storage system with capacity to hold up to 32 optical filters ensures direct readiness for all applications in your lab.



Your favorite and recent assays are shown upfront on the screen, ready to run with a touch of your fingertip.

# With effortless operation

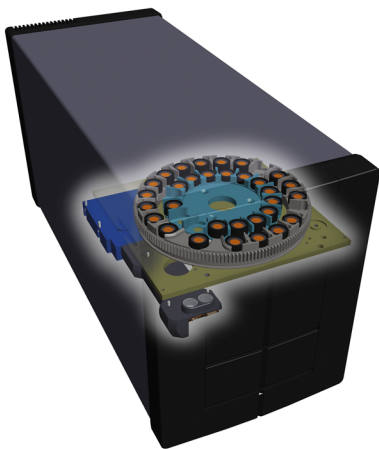
The Hidex Sense will help your lab become more effective. The user interface is designed to make the operation safe and comfortable. Straightforward application focused operation minimizes time spent on instrument training, and is essential for superior results.



The Hidex Sense is designed with special attention to compact dimensions and low energy consumption, offering unseen flexibility to place and handle the reader in robotic integration, environment control cabinets or where space is otherwise limited.

# Performance beyond comparison

Utilizing filter technology for fluorescence applications gives the best possible sensitivity and reading speed. The innovative on-board filter storage provides full flexibility. Once added to the instrument the filters are scanned and identified automatically. Uniquely the same filters can be used for both excitation and emission with unlimited flexibility.



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

## From samples to results, simply at your fingertip

Easy to get started with.

Comfortable to use.

Touchscreen operated.

Compact size.

## Specifications Sense 425-301

### Detection limits

Fluorometry (top)	0.15 fmol/384 well
Fluorometry (bottom)	0.5 fmol/384 well
Photometry Dynamic range	0 - 4 OD
Luminescence	10 pM (ATP glow)
Time Resolved Fluorescence	<3 amol/384 well
Fluorescence Polarisation	3 mP

### Other features

Plate types	1 - 1536 Well
Shaking	Linear, Orbital Double orbital
Temperature Control	Amb. + 2°C to 65°C

### Dimensions

Width	20 cm (8")
Height	28 cm (11")
Depth	49 cm (19")
Weight	13kg (29 lbs)

Data and specifications are subject to change, HIDEX reserves the right to alter specifications.

## About Hidex

Hidex is a family owned high technology company which develops and manufactures high performance analysis equipment for life science research, nuclear measurement and nuclear medicine markets. Our products utilize modern technology and excellent tradition of workmanship. With strong links to the scientific community we continue to innovate and develop to improve scientific research and safety of everyday life.



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