

Synergy H1 Multi-Mode Reader



Cost-effective Hybrid:
value, sensitivity,
flexibility

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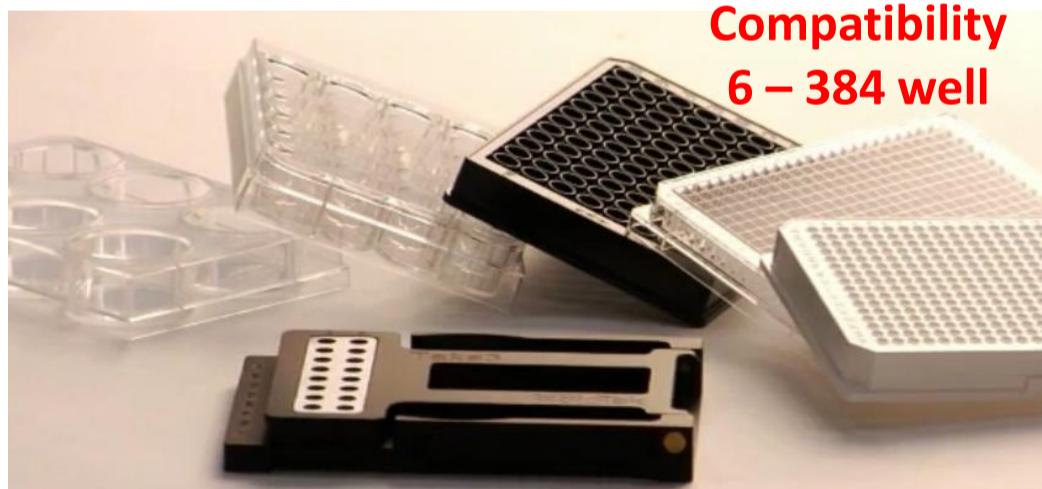
Low volume (2 μ L)
dsDNA quantification
with Take3 plates

Synergy™ H1 is a flexible monochromator-based multi-mode microplate reader that can be turned into a high-performance patented Hybrid system with the addition of a filter-based optical module. The monochromator optics uses a third generation quadruple grating design that allows working at any excitation or emission wavelength with a 1 nm step. This system supports top and bottom fluorescence intensity, UV-visible absorbance and high performance luminescence detection. It is the ideal system for all the standard microplate applications found in life science research laboratories.



The filter module is a completely independent add-on that includes its own light source, and a high performance dichroic-based wavelength selection system. With its very high optical efficiency, this module supports advanced detection modes such as Fluorescence Polarization, Time-Resolved Fluorescence & TR-FRET and filtered luminescence (e.g. BRET). A dual reagent injection system is available to automate inject/read assays such as ion channels assays or flash luminescence assays (e.g. luciferase or ATP assays).

**Compatibility
6 – 384 well**



Monochromator
Flexibility & ease of use
Filter Module
Expands application range



**Fluorescence Polarization
Time-Resolved Fluorescence
TR-FRET**

Contate-nos e peça já sua cotação!