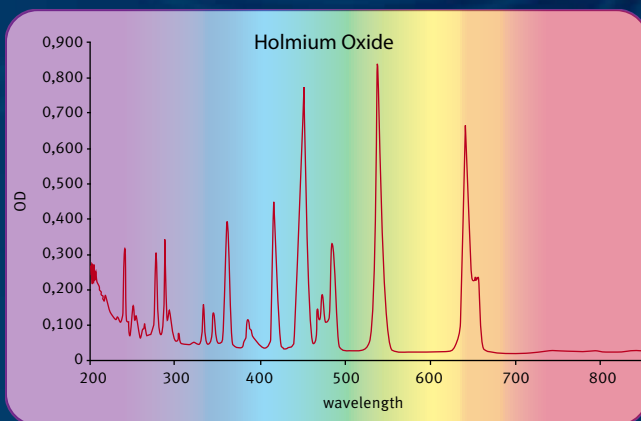


New **Omega** Series of Microplate Readers: UV/Vis Spectrometer in a Multifunctional Reader!



Full absorbance spectrum in every well

Why is the Spectrometer **BETTER** for absorbance than filters or a monochromator?

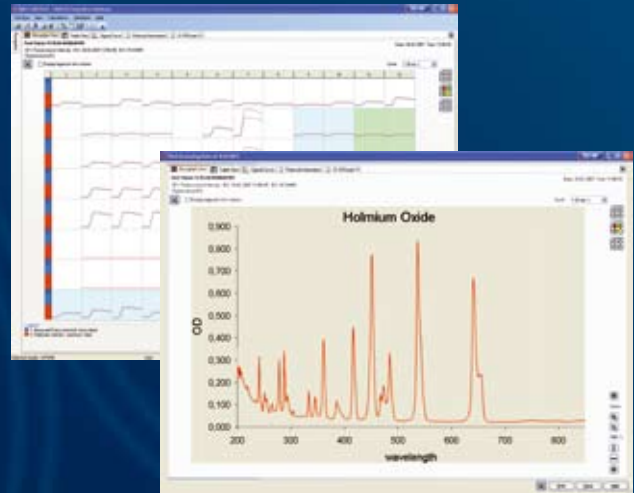
- Full absorbance spectrum < 1 second per well
- Spectral resolution of 1 nm
- High sensitivity and unmatched flexibility
- No need to set wavelengths or use filters

Up to five measurement modes: full UV/Vis absorbance, fluorescence intensity, fluorescence polarization, time-resolved fluorescence, and luminescence



New Features

- **Spectrometer**
 - From 220 - 850 nm
 - Spectrum in < 1 sec per well
 - Spectral resolution of 1 nm
 - No filters / monochromators needed
- **Xenon flash lamp**
 - Higher stability, faster flash rate
 - Increased speed and sensitivity
- **Omega analysis software**
 - Easy to use
 - More powerful than Excel
- **'Smart' injectors**
 - Decrease time, increase accuracy
 - Inject a 96-well plate in < 30 sec
 - 3 - 350 μ L in 0.5 μ L increments
 - Up to 4 injections per well
- **External priming buttons for injectors**



New Omega analysis software



Well scanning with advanced analysis

Additional Features

- Top and bottom reading
- Simultaneous dual emission option for fast BRET/FRET applications
- 45°C incubation (optional 60°C)
- Extended shaking with multiple modes
- Well scanning with advanced evaluation
- Kinetics: slow/fast - up to 50 reads/sec
- Read different modes in the same assay
- Stacker and robot compatible
- Software - 21 CFR Part 11 compliant

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