

ENDOSAFE® PLATE READERS

Tecan® Sunrise Plate Reader

Sunrise is a versatile microplate absorbance reader providing a range of features for applications required in the clinical diagnostic, biotechnology, and pharmaceutical industries. The reader design of a 12-channel optical module guarantees high quality and excellent optical performance, as well as fast, reproducible, and accurate measurements. Options include precise temperature control that is homogenous across a plate and different filter slides for a fully-customized instrument configuration.

Features of Sunrise

- Advanced temperature control
- Read to 4.0 absorbance (linear to 3.0 absorbance)
- Small footprint
- Front-load filter slides for easy access
- Robotics compatibility
- 3-year warranty
- Compatibility with Endosafe® EndoScan-V® software

Accessories Included

- 340, 405, 450, and 630 nm filters
- Operator's manual
- Serial cable, null modem:
9-pin female to 9-pin male cable

Sunrise Options

- QC-Pac 2 calibration plate and software
- Magellan™ data analysis software
- Wide range of filters available
- Endosafe® Temperature Logger to validate temperature uniformity

Sunrise Specifications	
Measurement speeds:	6 seconds (single wavelength) 8 seconds (dual wavelength)
Wavelength range:	340-750 nm
Measurement range:	0-4.0 OD (@400-750 nm) 0-3.0 OD (@340-399 nm)
Accuracy:	0-2.0 OD @492 nm: >+1.0% & +0.010 OD 2.0-3.0 OD @492 nm: >+1.5% & +0.010 OD
Linearity:	0-2.0 OD @400-750 nm: better than +1.0% 2.0-3.0 OD @400-750 nm: better than +1.5% 0-2.0 OD @340-399 nm: better than +2.0%
Precision:	0-2.0 OD @492 nm: >0.5% & +0.005 OD 2.0-3.0 OD @492 nm: >1.0% & +0.005 OD
Resolution:	0.001 OD
Dimensions:	34 cm D x 28.5 cm W x 28.5 cm H

