

stratus

technical specifications sheet

The Stratus is RoHS compliant, CE certified, made in the USA, and has a two year warranty.



general

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|------------------|---------------------------------|
| Detection Method | Absorbance |
| Detection Mode | Kinetic |
| Plate Types | 6-, 12-, 24-, 96- well plates |
| Dimensions | W: 14.4 cm D: 13.0 cm H: 6.8 cm |
| Weight | 580 g |
| Power | 5V, 500mA USB Supply |

measurement

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|-------------------------|--|
| Environmental Tolerance | Temp: 0-50°C, Humidity: 0-99%, O ₂ Concentration: 0-21%, CO ₂ Concentration: 0-25% |
| Wavelength | Single Wavelength: 600nm, 496nm, 465nm, or 650nm Custom wavelengths available upon request |
| Light Source | Monochromatic Solid-State LEDs |
| Resolution | ±0.005 OD |
| Detection Range | 0.000 - 3.000 OD |
| Linearity | < ±1% (0.000 - 2.000 OD) |
| Accuracy | < ±1% and ±0.015 OD (0.000 - 2.000 OD) |
| Repeatability | < ±1% and ±0.006 OD (0.000 - 2.000 OD) |
| Data Storage | microSD up to 64 GB (>500M Samples) |

software

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|--------------------|--------------------|
| Operating System | Windows 7 or Later |
| Data Export Format | CSV |