

NanoPhotometer

Features:

- No reconditioning, no recalibration and no regular maintenance ever
- Ideal for nucleic acids, protein and samples in most organic solvents
- optional built-in 7 inch glove compatible touch screen
- Allows kinetic studies in a drop

NanoVolume Performance:

- Detection Range dsDNA: 1 ng/ μ l to 16,500 ng/ μ l
- Detection Range BSA: 0.03 mg/ml to 478 mg/ml
- Minimum Sample Size: Minimum Sample Size
- Photometric Range (10 mm equivalent): 0 – 330 A
- Path Length: 0.67 and 0.07 mm
- Dilution Factor: 15 and 140
- Vortexer: 2,800 rpm; tube size up to 2.0 ml

Optical Specifications:

- Wavelength Scan Range: 200 – 900 nm
- Measure Time For Full Scan Range: 3.5 seconds
- Wavelength Reproducibility: Approximately ± 0.2 nm
- Wavelength Accuracy : Approximately ± 0.75 nm
- Lamp: Xenon flash lamp
- Optical Arrangement: 1 x 3648 CCD Array

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