

Thermo Scientific Nanodrop 8000



Analyzes up to 8 individual 1 μ L samples in a single measurement cycle.

Rating: Not Rated Yet

Price

Sales price \$5,950.00

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Description

The Thermo Scientific NanoDrop 8000 is a microvolume UV-Vis spectrophotometer designed for high-throughput analysis of nucleic acids, proteins, and other samples. It measures up to 8 samples simultaneously using only 1–2 μ L per sample (no cuvettes or dilutions needed for most concentrations), making it ideal for labs requiring fast, accurate quantification and purity assessment.

Key Features

Multi-Sample Capability: Analyzes up to 8 individual 1 μ L samples in a single measurement cycle (~20 seconds or less) using an 8-channel pedestal system and multi-channel pipettor.

Ultra-Low Sample Volume: Requires only 1–2 μ L per sample with patented sample retention technology (surface tension holds the sample column between pedestals).

Wide Wavelength Range: Full-spectrum 220–750 nm with 3 nm resolution (FWHM at Hg 546.1 nm) and ± 1 nm accuracy; uses a Xenon flash lamp and 2048-element linear silicon CCD detector.

High Concentration Range Without Dilution: Measures dsDNA up to ~3700 ng/ μ L (auto-switches between 0.2 mm and 1.0 mm pathlengths).

Easy & Versatile Operation: Pre-configured applications for nucleic acids, proteins, etc.; direct measurements from tubes or 96-well plates; runs on Windows PCs with user-friendly software.

Comes with our 90-day warranty.

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Biotech Equipment Sales, Inc.
226 Miller Ave.
South San Francisco, CA 94080
650-871-5707 office
650-276-7487 fax
sales@biotechequipmentsales.com