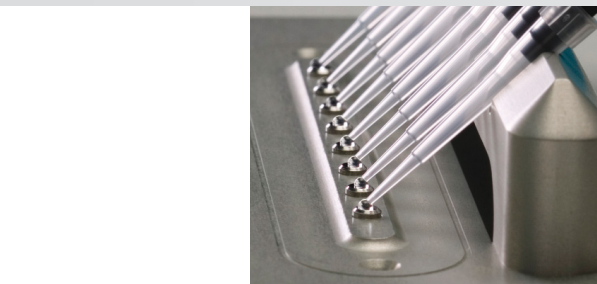
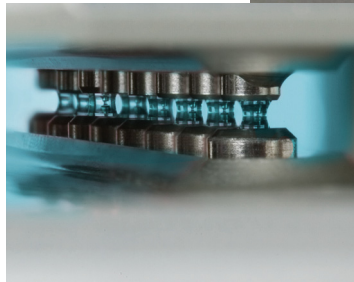


Thermo Scientific NanoDrop 8000 Spectrophotometer

As the industry leader in micro-sample quantitation, Thermo Scientific NanoDrop products meet the needs of today's laboratory scientist with instruments that are smart, simple and robust. We combine our extensive expertise in micro-sample analysis with an in-depth understanding of real-life applications to deliver the latest in UV-Vis and Fluorescence instrumentation.



Multi-Sample Measurement



Multi-Sample Loading



Thermo Scientific NanoDrop 8000

With the Thermo Scientific NanoDrop 8000, you can measure more samples in less time without sacrificing the reliability and easy-to-use technology of the single sample model.

The NanoDrop™ 8000 spectrophotometer takes full-spectrum UV-Vis absorbance measurements of up to eight samples simultaneously. Using an eight channel pipette to dispense samples on a linear array of pedestals, you can easily measure 96 sample in less than six minutes.

- Improved productivity with capability of analyzing up to eight 1 μ l samples at one time
- Innovative software to create custom methods and options to design reports and export data
- Increased efficiency with the Sample Position Illuminator, which reduces error by keeping track of the samples to be measured
- High throughput for environments such as biorepositories, genotyping facilities and quality control labs
- Improved productivity for busy labs where multiple users currently use the single sample model



Sample Position Illuminator

Thermo Scientific NanoDrop 8000 Spectrophotometer

NanoDrop 8000

Instrument Type:	Spectrophotometer
Minimum Sample Size:	1 μ l
Sample Number:	up to 8
Path Length:	1 mm (auto-ranging to 0.2 mm)
Light Source:	Xenon flash lamp
Detector Type:	2048-element linear silicon CCD array
Wavelength Range:	220 – 750 nm
Wavelength Accuracy:	1 nm
Spectral Resolution:	3 nm (FWHM at Hg 546 nm)
Absorbance Precision:	0.003 (1 mm path)
Absorbance Accuracy:	2% (at 0.76 at 257 nm)
Absorbance Range:	0.02 – 75 (10 mm equivalent)
Detection Limit:	2.5 ng/ μ l (dsDNA)
Maximum Concentration:	3,700 ng/ μ l (dsDNA)
Measurement Time:	< 20 seconds
Footprint:	24 x 32 cm
Weight:	3.4 kg
Sample Pedestal Material of Construction:	303 stainless steel and quartz fiber
Operating Voltage:	12 vdc
Operating Power Consumption:	30 W
Standby Power Consumption:	6 W
Software Compatibility:	Windows® 2000 XP and Vista™ (32 bit)

All NanoDrop instruments are approved to CE and UL/CSA standards.

NanoDrop Products Patented Retention System

All NanoDrop products utilize a unique technology that allows a sample to be pipetted directly onto an optical measurement surface. The system uses inherent surface tension to hold a micro-volume sample in place during the measurement cycle. Once the measurement is complete, the surfaces are simply wiped with a lint-free lab wipe.



Our trial program allows you to try an instrument in your lab with your own samples— completely free of charge. Visit www.nanodrop.com to request your free trial instrument.*

* Available only in US and Canada

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