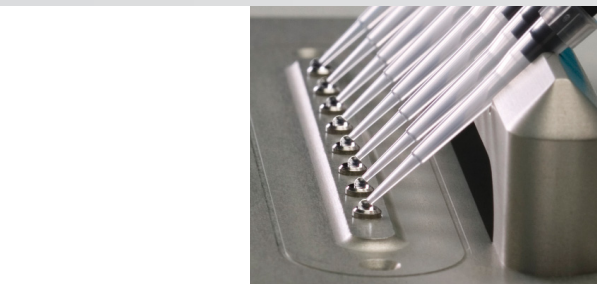
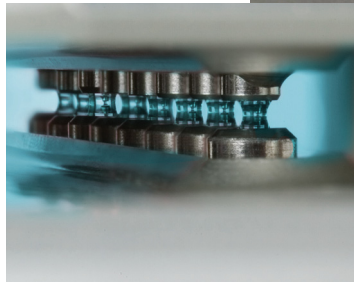


As the industry leader in micro-sample quantitation, Thermo Scientific NanoDrop products meet the needs of today's laboratory scientist with instruments that are smart, simple and robust. We combine our extensive expertise in micro-sample analysis with an in-depth understanding of real-life applications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

## NanoDrop 8000 Spectrophotometer



Multi-Sample  
Measurement



Multi-Sample Loading



### NanoDrop 8000

With the 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 µl 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

## NanoDrop 8000 Spectrophotometer

### NanoDrop 8000

Instrument Type:	Spectrophotometer
Minimum Sample Size:	1 $\mu$ 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/ $\mu$ l (dsDNA)
Maximum Concentration:	3,700 ng/ $\mu$ 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.isoegen-ifescience.com](http://www.isoegen-ifescience.com) to request your free trial instrument.

Isogen Life Science  
Veldzigt 2A  
3454 PW De Meern  
**The Netherlands**  
Tel: +31 (0)30 688 0771  
Fax: +31 (0)30 688 8009  
E-mail: [info@isogen-lifescience.com](mailto:info@isogen-lifescience.com)

Isogen Life Science N.V./S.A.  
Stokthoekstraat 10A  
1940 Temse  
**Belgium**  
Tel: +32 (0)9 351 48 79  
Fax: +32 (0)9 277 93 03  
E-mail: [info@isogen-lifescience.com](mailto:info@isogen-lifescience.com)

Isogen Life Science S.L.  
Poligono Les Guixérés-Edif. BCIN  
C/ Marcus Porcius 1  
08915 Badalona **Spain**  
Tel: +34 934 64 80 07  
Fax: +34 934 64 80 20  
E-mail: [clientes@isogen-lifescience.com](mailto:clientes@isogen-lifescience.com)