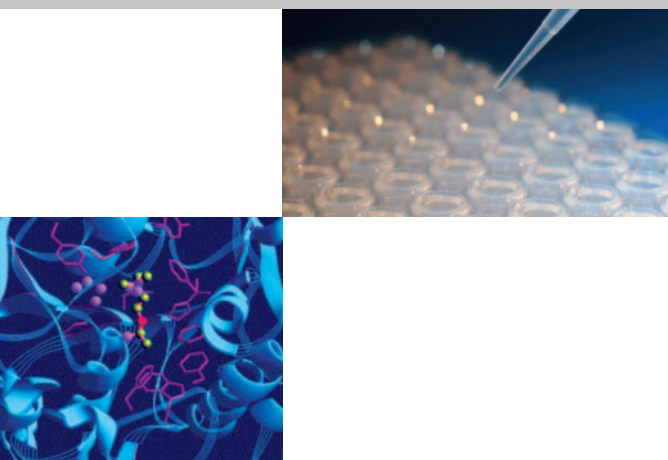


Work faster and more efficiently with the Light Sealing Lid accessory. Change the configuration of your GENESYS™ 10 series or Evolution™ 60 UV-Visible (UV-Vis) instrument to measure samples with the standard sample compartment lid removed. Quickly change from one sample to the next using standard cuvettes, micro cells, or the nanoCell accessory.

Light Sealing Lid Accessory

Convenient, accurate open-lid measurements with a high-performance UV-Vis spectrophotometer



The Light Sealing Lid accessory for the Thermo Scientific GENESYS 10 series and the Evolution 60 spectrophotometers allows you to measure samples with the sample compartment lid removed. Designed to help increase the throughput of your laboratory, this accessory makes changing from one sample to the next fast and easy.

Verified Instrument Performance

When you use the Light Sealing Lid accessory, you can be confident that your spectrophotometer will perform with the same accuracy and precision as it does with the standard sample compartment lid. The following table shows performance verification tests for photometric accuracy and noise performed with the light sealing lid in place. The scan on the following page demonstrates the small difference between spectra recorded with the Light Sealing Lid and the standard sample compartment lid.

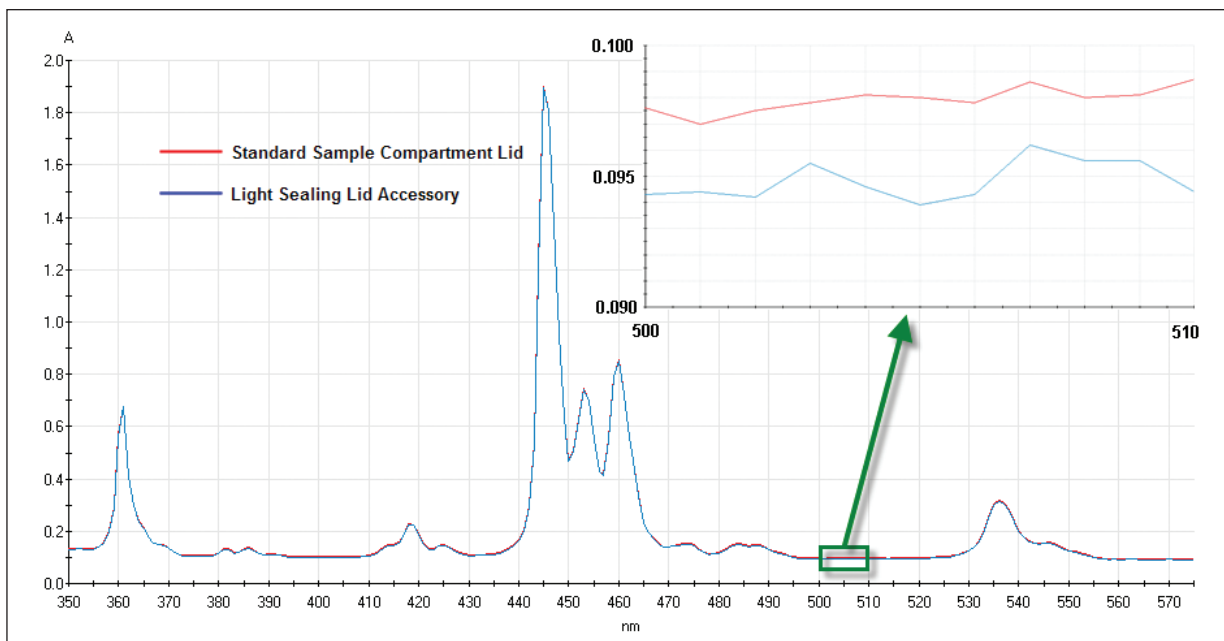
Photometric Accuracy	Certified Value from Standard	Light Sealing Lid (difference)	Standard Lid (difference)
Standard 1	1.060	1.055 (0.005)	1.057 (0.003)
Potassium Dichromate	0.480	0.476 (0.004)	0.476 (0.004)
100 mg/L	1.442	1.438 (0.004)	1.438 (0.004)
	1.238	1.235 (0.003)	1.243 (0.005)
Standard 2	0.422	0.415 (0.007)	0.417 (0.005)
Potassium Dichromate	0.190	0.187 (0.003)	0.190 (0.000)
40 mg/L	0.570	0.561 (0.009)	0.562 (0.008)
	0.481	0.482 (0.001)	0.483 (0.002)

Photometric Noise	RMS Noise at 0 A	RMS Noise at 1 A	RMS Noise at 2 A
Light Sealing Lid	0.00002	0.00008	0.00006
Standard Lid	0.00002	0.00010	0.00004

Each Photometric Accuracy measurement reported is the average of 15 individual measurements. The standard deviation was < 0.01% for these 15 measurements.



Light Sealing Lid accessory used with the nanoCell



Spectra of a holmium oxide glass filter collected with the standard sample compartment lid and the Light Sealing Lid accessory. The inset shows the very small difference in the baseline between the measurements made with standard lid and the Light Sealing Lid accessory.

Use With Any Standard Cuvette

This accessory allows you to use any type of standard 1 cm pathlength cuvette, micro cell, semi-micro cell, ultra-micro cell of any material. Use short pathlength cells with a spacer for convenient analysis of concentrated samples.

Small Volumes? Go nano.

Use the Light Sealing Lid with the nanoCell for the most accurate and repeatable small volume measurements. Achieve the results you have come to expect from our nanoCell accessory with the added convenience of easy access.



Use the Light Sealing Lid Accessory with these Spectrophotometers:

- **Evolution 60**
- **BioMate™ 3**
- **GENESYS 10 Bio**
- **GENESYS 10 UV scanning**
- **GENESYS 10 UV**
- **GENESYS 10 Vis**

Product Information

Product	Part Number
Single-Position Light Sealing Plate	222-238900

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