

## *Lambda 465 Variable Pathlength Cell Holder Installation Instructions*

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This instruction sheet describes the installation of this accessory which is used with the Lambda 465 Spectrophotometer.

**NOTE:** *Read these instructions before you install this accessory.*

### *Contacting PerkinElmer*

Supplies, replacement parts, and accessories can be ordered directly from PerkinElmer, using the part numbers.

See our website:

<http://perkinelmer.com>

PerkinElmer's catalog service offers a full selection of high-quality supplies.

To place an order for supplies and many replacement parts, request a free catalog, or ask for information:

If you are located within the U.S., call toll free 1-800-762-4000, 8 a.m. to 8 p.m. EST. Your order will be shipped promptly, usually within 24 hours.

If you are located outside of the U.S., call your local PerkinElmer sales or service office.

### *Features*

- Easy to install
- Available with various pathlength cells (5, 10, 20, 40, 50, 100 mm)
- Excellent durability



**Figure 1** Lambda 465 Variable Pathlength Cell Holder [P/N: N4104003]



PerkinElmer, 710 Bridgeport Avenue,  
Shelton, CT 06484-4794, U.S.A

Produced in the USA.

## *Dimensions and Specifications*

Physical Characteristic		Specification	Comment
Outline	Height (mm)	87	
	Width (mm)	113	
	Depth (mm)	150	
Inner	Height (mm)	33	Variable Cell
	Width (mm)	104	
	Depth (mm)	13	
Weight (kg)		0.76	

## *Description*

### *Connectable Cells*

Description
Precision cell, 10 mm light path, Quartz, 3500 $\mu$ l, ea
Precision cell, 5 mm light path, Quartz, 1.7 ml, ea
Precision cell, 20 mm light path, Quartz, 7 ml, ea
Precision cell, 40 mm light path, Quartz, 14 ml, ea
Precision cell, 50 mm light path, Quartz, 17.5 ml, ea
Precision cell, 100 mm light path, Quartz, 35 ml, ea

### *Configuration of the Variable Pathlength Cell Holder*

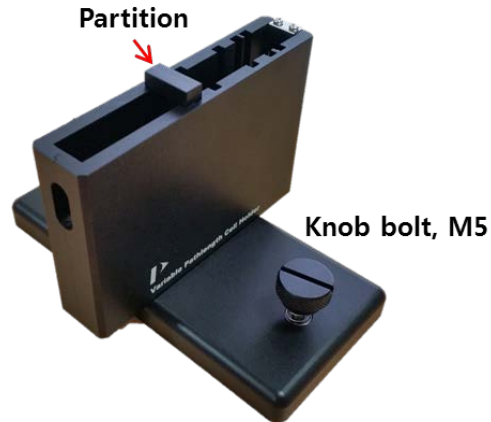


Figure 2 Lambda 465 Variable Pathlength Cell Holder

### *Installation*

1. Disassemble the existing cell holder.

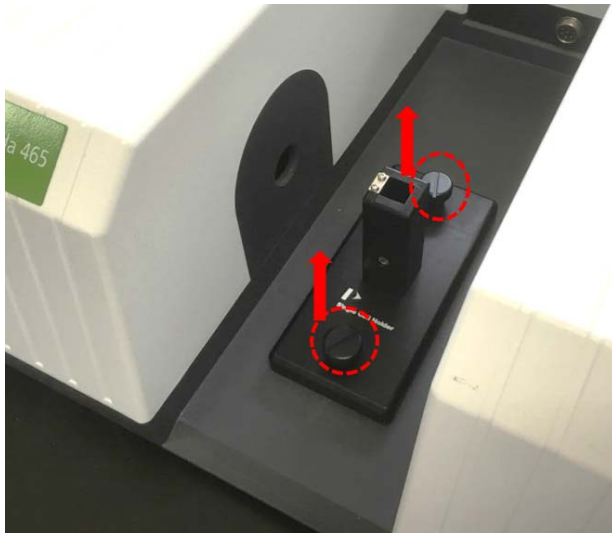


Figure 3 Location of the two knob bolts

2. Install the Variable Pathlength Cell Holder by fastening the knob bolts.



**Figure 4 Install the Variable Pathlength Cell Holder**

3. After installation, place the cell in the Variable Pathlength Cell Holder and fix it with the partition.



**Figure 5 Placing the cell in the Variable Pathlength Cell Holder**