

## Lambda 465 Single Cell Holder Installation Instructions

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***

- Made of polyacetal which is a wear-resistant thermoplastic
- Suitable size for the standard cells
- Excellent durability



**Figure 1 Lambda 465 Single Cell Holder [P/N: N4104000]**



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Shelton, CT 06484-4794, U.S.A

Produced in the USA.

## *Dimensions and Specifications*

Physical Characteristic		Specification	Comment
Outline	Height (mm)	81.5	
	Width (mm)	70	
	Depth (mm)	150	
Inner	Height (mm)	27.5	
	Width (mm)	12.5	Suitable for the Standard Cell
	Depth (mm)	12.5	
Weight (kg)		0.38	

## *Description*

### *Connectable Cells*

Description
Precision cell, 10 mm light path, Quartz, 3500 $\mu\text{l}$ , ea
Flow-through cell, 10 mm light path, Quartz, 450 $\mu\text{l}$ , ea
Flow-through cell, 10 mm light path, Quartz, 720 $\mu\text{l}$ , ea
Sub-Micro cell, 10 mm light path, Quartz, with Stopper, 160 $\mu\text{l}$ , ea
Ultra-Micro cell, 10 mm light path, Quartz, 40 $\mu\text{l}$ , ea

Other cells are available upon request if what you want is not listed.

### *Configuration of the Single Cell Holder*



Figure 2 Lambda 465 Single Cell Holder

### *Installation*

- Install the single cell holder by fastening the two knob bolts.



Figure 3 Location of the two knob bolts

## *Troubleshooting*

### *When a cell does not fit in the single cell holder*

1. The single cell holder is designed for the standard cell (10x10 mm) so if a larger cell is used, the cell will be damaged.
2. After loosening the tension bolt, adjust the tension in accommodating a cell, and then fix it.



**Figure 4 Adjusting the tension bolt**