Lambda 365 Microcell Holder Installation Instructions

This instruction sheet describes the installation of this accessory which is used with the Lambda 365 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

- Suitable size for micro cells
- Excellent durability
- Adjustable cell holder position

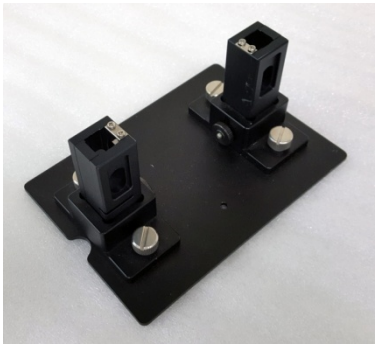


Figure 1 Lambda 365 Micro Cell Holder [P/N: N4101028]

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

Produced in the USA.

Dimensions and Specifications

Type		Specification
Outline	Height (mm)	86.5
	Width (mm)	120
	Depth (mm)	170
Weight (kg)		0.56

Description

Connectable Cells

Description
Micro cell, 10 mm light path, Quartz, 1400 µℓ, ea
Micro cell, 10 mm light path, Quartz, 700 µℓ, ea
Micro cell, 10 mm light path, Quartz, 50 µℓ, ea

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

Configuration of Micro Cell Holder

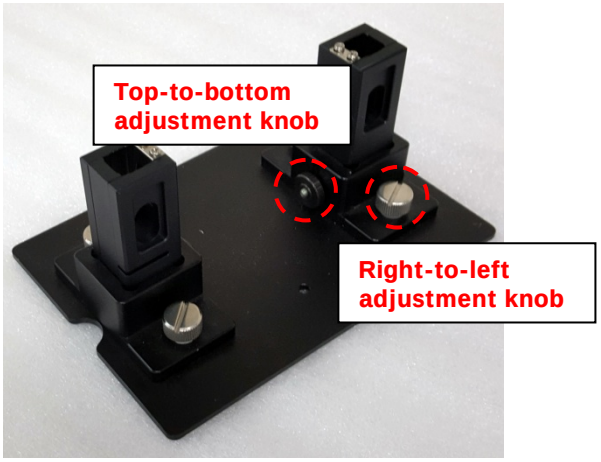


Figure 2 Lambda 365 Micro Cell Holder Configuration

Figure 3 Knob

Installation

1. Loosen a knob to take apart the existing cell holder.

Figure 4 Loosening a knob

2. Pull out the existing cell holder by hand.

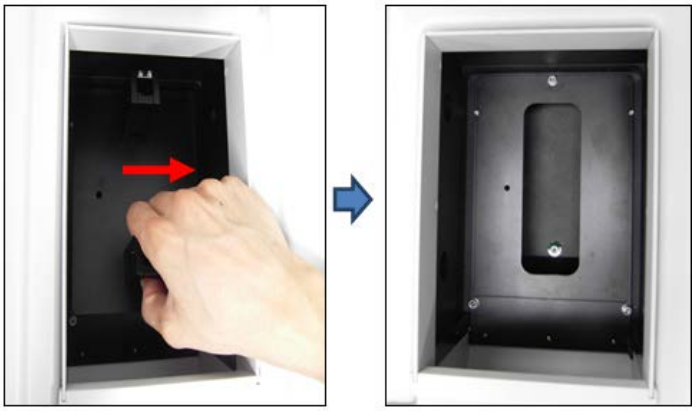


Figure 5 Pulling out the cell holder

3. Insert the micro cell holder in the sample compartment and tighten the knob.

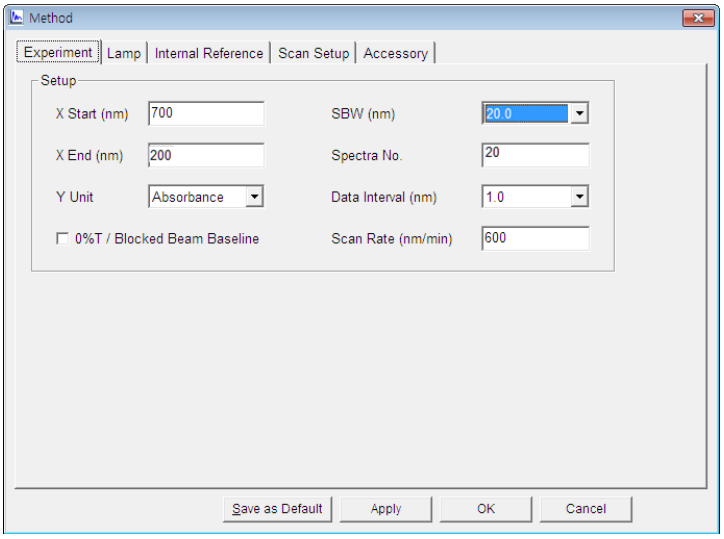
Figure 6 Inserting the Micro Cell Holder

4. Insert the micro cells into the cell holder.

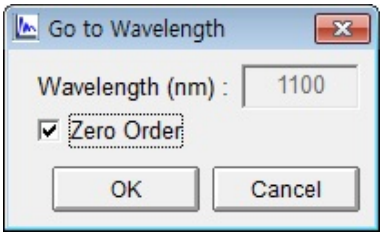
Figure 7 Inserting the micro cells into the cell holder

How to adjust the Microcell holder so that the beam passes through the micro cell window

1. Run Scan mode and select **Method**. Select **SBW 20**.



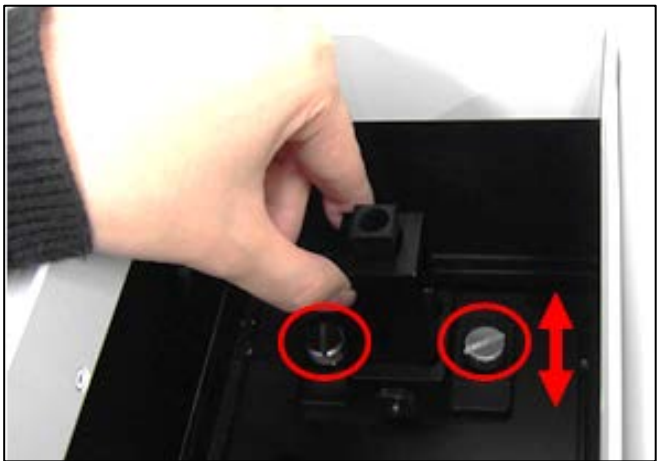
2. Select **Measure** in main menu and select **Go to Wavelength** and then check **Zero Order.**



3. Input the micro cells into each reference and sample holder.

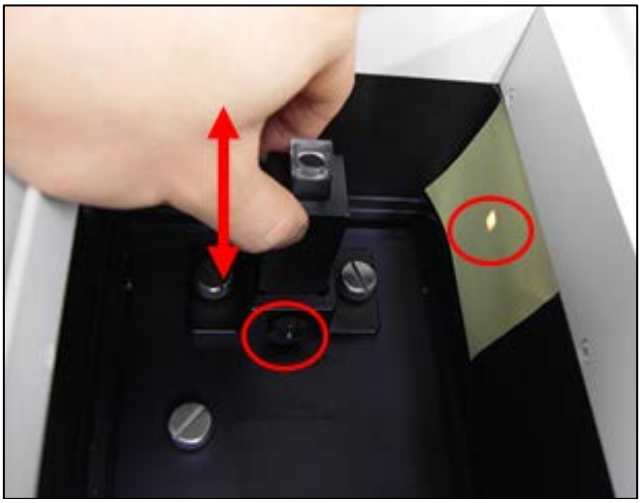
4. Attach the white paper (ex. post-it note) on the right side wall of the sample compartment for checking the light passes through the window of the micro cell. In order to adjust the right-and - left position of the micro cell holder, loosen the two hand bolts on the plate of the microcell holder.

5. Adjust the position by moving the micro cell holder back and forth slowly so that the large portion of light passes through the window of the micro cell. After the position adjustment is completed, tighten the hand bolt on the bottom plate of the microcell holder.



6. In order to adjust the height of the micro cell holder, loosen the knob on the side of the microcell holder.

7. Adjust the height by moving the micro cell holder up and down slowly so that the large portion of light passes through the window of the micro cell. After the height adjustment is completed, tighten the knob on the side of the micro cell holder.



NOTE: *It is required to adjust the left-and-right and height positions of both the sample and reference cell holder.*