

## *Lambda 465 Variable Angle Transmission 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 installation
- Easy to find suitable sampling point 360 degrees
- Excellent durability



**Figure 1** Lambda 465 Variable Angle Transmission Holder. [P/N: N4104006]



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

Produced in the USA.

## *Dimensions and Specifications*

Physical Characteristic	Specification
Outline (mm)	85(H) X 147(W) X 70(D)
Angle (°)	0 ~ 75 (Depend on sample size)
Sample	Solid Sample (Film, Plastic, Glass)
Sample Size	Max Thickness: 13 mm, Max Length: 110 mm
Weight (Kg)	0.62

## *Description*

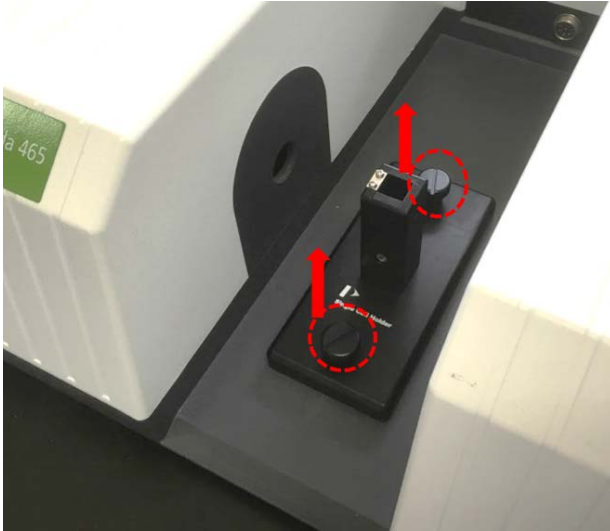
### *Configuration of the of Variable Angle Transmission Holder*



**Figure 2 Lambda 465 of Variable Angle Transmission Holder**

## *Installation*

1. Disassemble the existing cell holder.



**Figure 3** Location of the two knob bolts

2. Install the Variable Angle Transmission Holder in the cell compartment and tight the knob bolts.



**Figure 4** Install the Variable Angle Transmission Holder

## Measurement

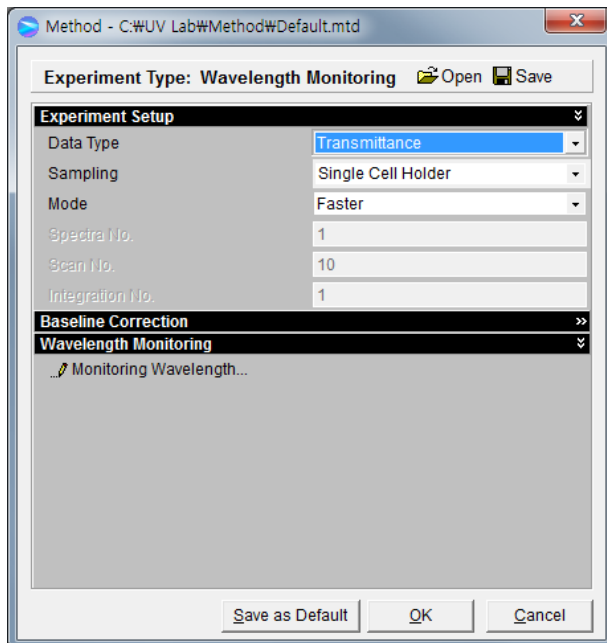
1. Place the Variable Angle Transmission Holder with incident angle indicator line facing the back side of the equipment.



2. Launch the **UV Lab** software. When the window below appears, select **Experiment Type** and click **OK**.

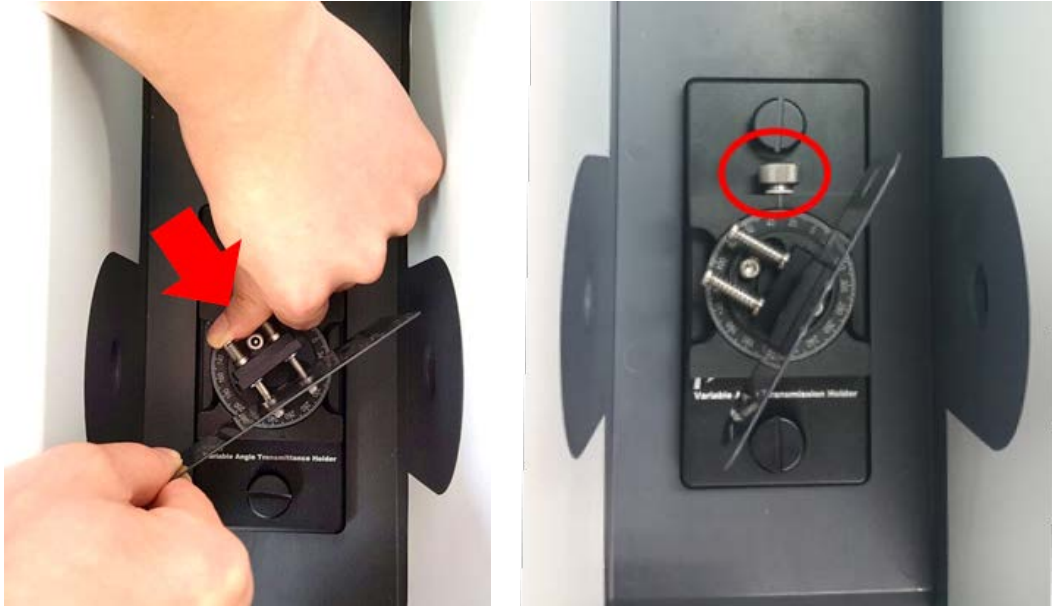
**NOTE:** Start the sample measurement after warming up the system for at least 20 minutes.

3. Select **Transmittance** mode (%T) in the **Data Type** and select **OK**.



4. Put the reference material (or air blank) in the transmission holder and measure the blank.

- Put the sample in the transmission holder. Push the two spring rods to fix the sample tightly. Adjust the proper incident angle by rotating the holder and fix the set angle with the hand bolt.



- Measure the sample.

