

## Luminous Transmittance Meter TLV-304-LC

Quick check of transmittance with a value close to sensitivity of human eyes



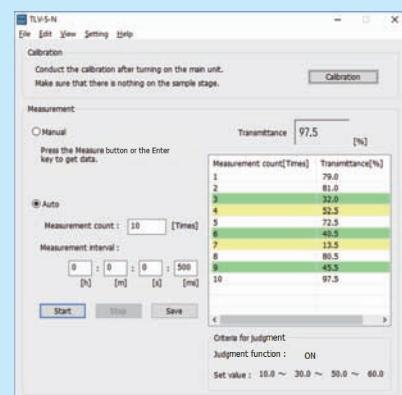
### Features

- Built-in photopic filter
- One-touch calibration
- Not affected by ambient light
- Long lamp life
- Remote control software
- Judgment function

### Applications

- Transparent conductive film glass
- Film
- Resin material
- Eyeglass lens
- Glass blank
- Filter glass

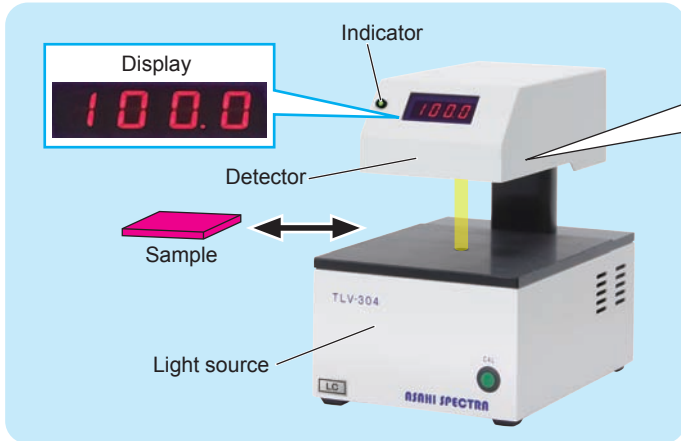
### Software



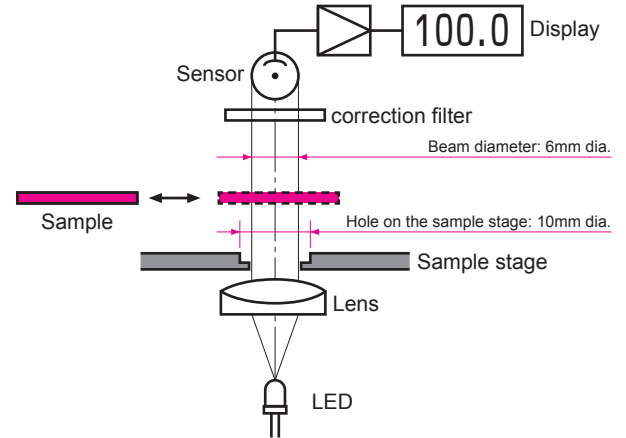
- Setting of measurement conditions
- List results of measurements
- Criteria for judgment

# Product Outline

The TLV-304-LC is a compact transmittance meter with a correction filter which approximates to the luminosity curve. This unit quickly measures the transmittance with a value close to sensitivity of human eyes and allows easy measurement by placing a sample after one-touch calibration. It is suitable for a quick inspection process to conduct large volume of measurements.



## Optical Configuration



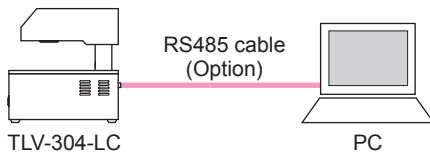
It is calibrated as 100% without a sample on the stage. After placing a sample, it displays the actual transmittance.

## Not Affected by Ambient Light

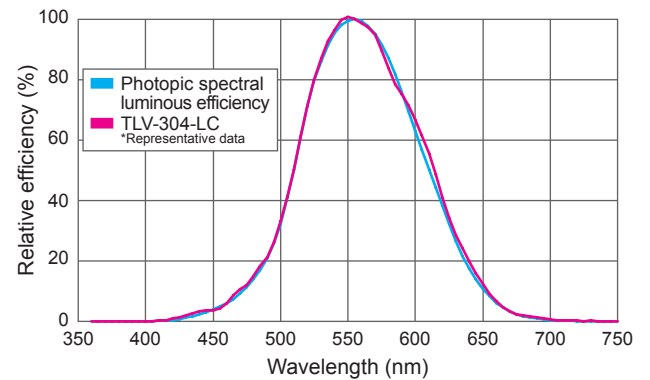
Stable measurement is achieved by separating a measurement light from an ambient light with pulse operation of the white LED.

## RS485 Remote Control

It is possible to calibrate and get the transmission data by PC via RS485.



## Photo Sensitivity



## Options

- RS485 cable for software

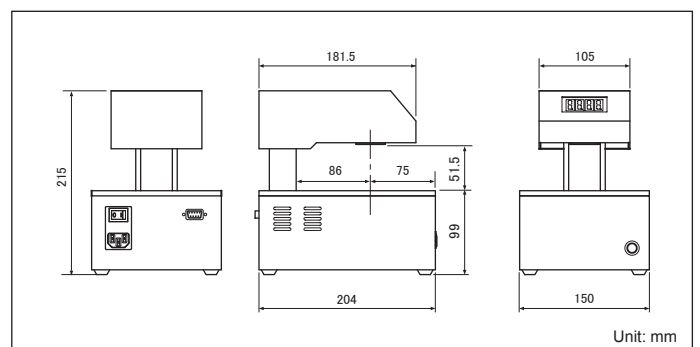
## General Specifications

Model: TLV-304-LC  
 Photo sensitivity: Approximation of photopic spectral luminous efficiency \*1  
 Light source: White LED  
 Display: 4 digit digital display (xxx.x) Unit: %  
 Measurement reproducibility: Within  $\pm 0.5\%$   
 Measurement time: 200msec  
 Distance between detector and light source: Approximately 50mm  
 Beam diameter: 6mm dia.  
 Sample size: Min. 15mm dia.  
 Criteria for judgement function: Green indicator (ON, OFF or Blink)  
 Input voltage: AC100 - 240V 50/60Hz (Input range: AC85 - 264V)  
 Apparent power: Less than 7VA (AC100V/50Hz)  
 Remote control: RS485 \*The cable is optional.  
 Recommended environment: Temperature 10 - 35 deg C : Humidity less than 70% \*Avoid Condensation  
 Dimensions: 150(W) x 204(D) x 215(H)mm  
 Weight: 2.9kg

## Scope of Delivery

- TLV-304-LC main unit
- AC cable (3m)
- Filter holder
- Software
- Filter fitting tool
- Instruction manual

## Dimensions



Contact us for customization, such as for UV / IR range and large samples.

\*Product specifications are subject to change without notice.

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