

One vision, Two sharp eyes with Our Innovation

# TL-2000C & 3000C

Auto Lensmeter

A high quality lensmeter  
at a cost effective price



- Automatic Detection of Progressive Lenses
- 5.7 inch Color TFT LCD with Touch Panel
- Customizable Shortcut Buttons
- Simultaneous Measurement of UV Transmittance (TL-3000C only)
- PD Measurement (TL-3000C only)

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TL-2000C

## All the standard features at a cost-effective price

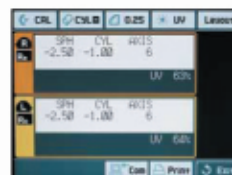
The TL-2000C, 3000C incorporate a fashionable design and practicality to guarantee a quality lensmeter that suits any room design. The TL-2000C, 3000C can measure Standard & High index, Bifocal, Trifocal, Progressive and Prisms lenses. In addition it can also give measurement of hard and soft contact lenses.

## Color touch panel and customizable shortcut buttons

The 5.7 inch color TFT LCD touch panel display provides a clear image with an easy-to-use-customizable shortcut menu.



Progressive Mode (Near)



Measurement Result



Screen for UV Measurement (3000C only)

## Simultaneous measurement of UV transmittance. PD measurement(3000C only)

The TL-3000C can accurately measure the UV(385nm) transmittance while also measuring the power of lens. By using PD mode, the TL-3000C can measure interpupillary distance with automatic Right/Left detection.

## Automatic switch system to CL mode (3000C only)

By using AUTO CL mode, once the nose piece for measuring contact lenses is set, the TL-3000C automatically switches to the contact lens measurement mode.

## TL-2000C,3000C SPECIFICATIONS (other than specified items, specs are exactly the same)

### Measurement Range

Spherical Power(SPH)	± 25D
Cylindrical Power(CYL)	± 10D
Axial angle(AXIS)	0 to 180°
Additional Power(ADD)	-2 to 10D
Prism Power	0 to 10△

### Increment

Diopter	0.01/0.12/0.25D
Prism	0.01/0.12/0.25△

### Mode

Cylinder	+ / ± / -
Prism	Rectangular Coordinates/ Polar Coordinates/Displacement

**Measurement Time** 0.035seconds(sampling time)

**Wavelength** 660nm

**Diameter of the beam** φ 3mm(2000C)  
φ 2.5mm, φ 5.0mm(3000C)

**Diameter of the lens** φ 20 to 120mm  
(more than φ 5mm for CL)

<b>Interpupillary Distance</b>	50 to 86mm(step:0.5mm)(3000C)
<b>Measurement Object</b>	Spectacle lens/Contact lens/Optical lens
<b>Abbe Numbers</b>	20, 25, 30, 35, 40, 45, 50, 55, 60, 65
<b>Transmittance of UV</b>	The peak of the wavelength is 385nm. (3000C)

**Display** 5.7 inch TFT LCD(320×240 dot) with touch panel

**Alignment** Cross Cursor

**Printer** Thermal Printer(384 dots/line)

**External Communication Port** RS-232C, USB(USB1.1)

**Dimensions and Power Source**

**Dimensions** 205(W)×249(D)×445(H) mm

**Weight** Approx. 6kg(13.2 lbs.)

**Voltage** AC 100-240 V

**Frequency** 50/60 Hz

**Power Consumption** 35-55VA



**Tomey Corporation [Asia-Pacific]**  
2-11-33 Noritakeshinmachi  
Nishi-Ku, Nagoya, 451-0051, Japan  
Tel: ++81-52-581-5327  
Fax: ++81-52-561-4735  
E-Mail: intl@tomey.co.jp

**Tomey GmbH [Europe]**  
Am Weichselgarten 19a  
D-91058 Erlangen-Tennenlohe, Germany  
Tel: ++49-9131-77710  
Fax: ++49-9131-777120  
E-Mail: info@tomey.de

For more information, visit our web site <http://www.tomey.com>

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