

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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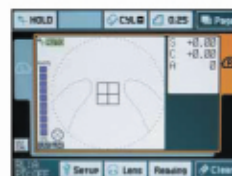
TL-2000C

All the standard features at a cost-effective price

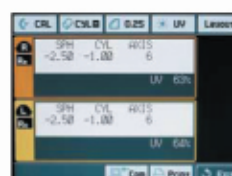
The TL-2000C, 3000C incorporate a fashionable design and practicality to guarantee a quality lensmeter that suits any room design. The TL-2000C, 3000C can measure Standard & High index, Bifocal, Trifocal, Progressive and Prisms lenses. In addition it can also give measurement of hard and soft contact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

Interpupillary Distance

50 to 86mm(step:0.5mm)(3000C)

Measurement Object

Spectacle lens/Contact lens/Optical lens

Abbe Numbers

20, 25, 30, 35, 40, 45, 50, 55, 60, 65

Transmittance of UV

The peak of the wavelength is 385nm. (3000C)
5.7 inch TFT LCD(320×240 dot) with touch panel

Display

Cross Cursor

Thermal Printer(384 dots/line)

External Communication Port

RS-232C, USB(USB1.1)

Dimensions and Power Source

205(W)×249(D)×445(H) mm

Dimensions

Approx. 6kg(13.2 lbs.)

Weight

AC 100-240 V

Voltage

50/60 Hz

Frequency

35-55VA

Power Consumption



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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