

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

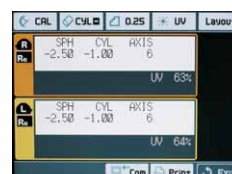
The TL-2000C, 3000C incorporate a fashionable design and practicality to guarantee a quality lensmeter that suits any room design. The TL-2000C, 3000C can measure Standard & High index, Bifocal, Trifocal, Progressive and Prisms lenses. In addition it can also give measurement of hard and soft contact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

### 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

**HS**  
**Optikmaschinen**

Handwerkerstraße 14

48720 Rosendahl-Holtwick

Tel: 02566/4720

Fax: 02566 /1620

Email: hsoptikmaschinen@hotmail.com

www.hs-optikmaschinen.de