

AUTO-LENSMETER TL-2000C / TL-3000C

AUTOMATED LENS METER

DELIGHT IN SIGHT

Pre-calibrated. Pre-adjusted.



- 5.7" colour touch screen
- PD measurement (TL-3000C)
- Refractive index calculation
- Modern progressive mode
- Simultaneous measurement of UV transmittance and lens power (TL-3000C)
- Very precise marking unit (metal + 4 pins)

 **TOMEY**
TECHNOLOGY AND VISION

THE TOMHEY AUTO-LENSMETER TL-2000C / TL-3000C



QUALITY IN DETAIL

COLOUR TOUCH SCREEN

The Tomey TL-2000C / TL-3000C is very easy to operate with the tiltable 5.7" colour touch screen. Icons will guide you through the whole menu and guarantee fast and intuitive operation. You can customise the colour and the shortcut menu buttons as you prefer.

UV TRANSMITTANCE (TL-3000C)

While measuring the power of the lens the UV transmittance will be displayed simultaneously. To illustrate the result to your customer you can use the UV demonstration screen.

AUTO TABLE LOCK FUNCTION

When the optical centre of the lens is aligned the lens table will block automatically.

MODERN PROGRESSIVE MODE

The system detects and measures automatically all progressive lenses. Also modern multi-focal lenses may be measured in FAR, MID and NEAR areas.

VERY PRECISE MARKING UNIT

The Tomey TL-2000C / TL-3000C Lensmeters are equipped with a 4-pin lens holder and a metal marking unit. This enables you to mark the lenses very precisely.

Of course both Lensmeters are measuring standard and high index, bifocal, trifocal, progressive and prism lenses. Also they have an integrated, fast and silent printer, an automatic contact lens mode and data storage for 99 single measurements.



TL-2000C

SPECIFICATIONS

MOVEMENT RANGES

Sphere power	$\pm 25 D$
Cylinder power	$\pm 10 D$
Axis	0 to 180°
ADD	-2 to 10 D
Prism	0 to 10 Δ

MEASUREMENT INCREMENTS

Dioptre	0.01 / 0.12 / 0.25 D
Prism	0.01 / 0.12 / 0.25 Δ

MEASUREMENT MODES

Cylinder	+ / \pm / -
Prism	Rectangular coordinates / Polar coordinates / displacement

MEASUREMENT PARAMETERS

Measurement time	0.035 sec.
Wave length	660 nm
Beam diameter	3 mm (TL-2000C) 2.5 mm / 5 mm (TL-3000C)
Lens diameter	20 to 120 mm (> 5 mm for CL)
ABBE number	20 to 65
Ref. index calculation	YES
UV light transmittance	385 nm (TL-3000C)
PD measurement	50 to 86 mm (0.5 mm increments) (TL-3000C)

DATA CONTROL

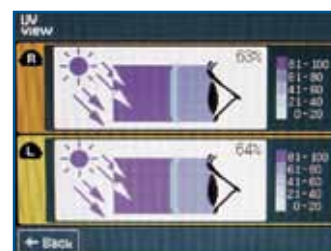
Display	5.7" TFT LCD touch panel
Alignment	Cross cursor
Printer	Thermal printer
Table lever	Auto table lock function
External communication	RS-232C, USB1.1
Marking unit	Metal
Lens holder	4 pins
Cartridge	White

DIMENSIONS & ELECTRICAL REQUIREMENTS

Dimensions WDH	205 x 249 x 445 mm
Weight	Approx. 6 kg
Input	AC 100 V to 240 V
Frequency	50/60 Hz
Power consumption	35 to 55 VA



Progressive mode



UV demonstration screen
(TL-3000C only)

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