

One vision, Two sharp eyes with Our Innovation

TL-2000B

Auto Lensmeter

Highly Accurate Monochrome Touch Panel
Operation Auto Lensmeter



- Automated Measurement & Large Data Storage
- Automatic Detection of Progressive Lenses
- Prism Measurement with Total Prism Display
- Contact Lens Mode
- 5.7" Monochrome Touch Panel Operation Display
- Built-in Printer

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Auto Lensmeter

New Generation of Auto Lensmeters

The TOMEY TL-2000B Auto Lensmeter is designed for fast & easy operation. The 5.7 inches monochrome touch panel makes it easier to operate for everyone. In AUTO mode, the readings are automatically held when the lens is properly aligned. Multi-Focal lenses are automatically detected by TL-2000B and alignment system guides you to correctly position the lens. The monochrome touch panel display is clearly visible in virtually all environments. Prism can be displayed in rectangular coordinates, polar coordinates or displacement from the optical center. The Abbe number can be adjusted to examine high index lenses. The results can be printed with the built-in printer. The TL-2000B is equipped with an RS-232C port for data transmission to a computer.

Flexibility

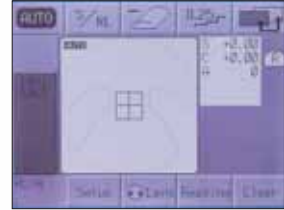
TL-2000B Auto Lensmeter measures standard & high index lenses; Bifocal, Trifocal & Progressive Lenses; & Prism. Since there is more variety of progressive lenses, TL-2000B uses the latest technology to measure normal progressive lenses, mid-distance progressive lenses, and near-distance progressive lenses. The system also easily measures hard & soft contact lenses (in dry mode).

Accuracy & Wide Range

Highly accurate measuring abilities with a wide measurement range for spherical and cylindrical power for prism.

Compact & Efficient

The TL-2000B has been designed with a small footprint, occupying very little valuable space in your refraction room or laboratory.



Progressive Mode (Near)



Measurement Result



Refractive Index Mode

TL-2000B SPECIFICATIONS

Measurement Ranges

Sphere	± 25D
Cylinder	± 10D
Axis	0 to 180°
Addition	0 to 10D
Prism	0 to 10△

Measurement Units

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

Measurement Mode

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

Sampling Speed

Measurement	0.035 seconds
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Wavelength	660nm
Beam Diameter	3.0mm
Lens Diameter	20-100mm

Lens

Standard & High Index Lenses;
Bifocal, Trifocal & Progressive Lenses;
Contact Lenses

Abbe Number 30, 35, 40, 45, 50, 55, 60, 65

Data Display Screen 5.7" Monochrome Touch Panel
(320 x 240 dot)

Alignment

Printer

External Communication

Port

Dimension

Cross-Bar (thickens when lens is centered)
Thermal (MTP type)

RS-232C Serial Port

220mm (W) x 260mm (D) x 438mm (H)

8.7" (W) x 10.25" (D) x 17.25" (H)

approx. 7.0kg (15.4 lbs.)

Weight

Power

Voltage

Frequency

Power Consumption

AC 100 to 240V

50/60 Hz

35 - 50VA



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