

Innovative Eyecare Technology with Foresight

# TL100 [AutoLensmeter]



- 1 Automated measurement
- 1 Automatic detection of progressive lenses
- 1 Easy-to-read back-illuminated display
- 1 Fast and easy to use
- 1 Prism measurement

Automatic, Quick, Accurate

Why take the time to manually perform readings that can now be done automatically, quickly, and accurately? The TL-100 uses technology that takes the guesswork out of measuring progressive lenses by automatically detecting and reading them. It allows you to read two lenses before recording the results, to mark lenses as you read them, to automatically read prism, and to measure contact lenses.

#### Save Time; Save Money

Easy to use, the TL-100 changes automatically from single vision mode to progressive mode when it detects a progressive lens.

As a result, more lenses can be processed in less time.

Extensive operator training is no longer required, saving you not only time and money, but giving you more flexibility in your practice.

#### Comprehensive Features

In addition to the exclusive Auto Add-Lock feature, the TL-100 reads prism in either rectangular (BO/BI, BU/BD) or polar, (prism magnitude, Axis) coordinates. The TL-100 can be set to measure in 0.25, 0.12, or 0.01D increments, to measure lenses with Abbe values ranging from 30—60 and to measure contact lenses.



# TL100

## [AutoLensmeter]

The TOMEY TL-100  
*Replacing manual  
lensmeters will be  
automatic. Because  
the TL-100 performs  
readings automatically,  
quickly, and accurately.  
Automated features at  
a manual price.*



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### Clean Display

*Backlit display is clear  
and easy-to-read, even  
in dim light.*

## [Specifications]

### Measurement Ranges

Sphere	± 25 D
Cylinder	±9.99 D
Axis	0 to 180°
Addition	0 to 9.99 D
Prism	0 to 9.99 Δ

### Measurement Units

Power	0.01 / 0.12 / 0.25 D
Prism	0.01 / 0.12 / 0.25 Δ

### Measurement Modes

Cylinder	+ / ± / -
Prism	Rectangular/Polar coordinates

### Sampling Speed

0.035 seconds

### Measurement

Wavelength	660 nm
Diameter of the beam	3 mm

### Lenses

Spectacles, hard and soft contact lenses

### Abbe Numbers

30 to 60 (5-unit increment)

### Data Display Screen

Two dimensional LCD, back-illuminated

### Alignment

Cross/cursor  
(thickens when lens is aligned)

### Dimensions

200 mm (w) x 260 mm (d) x 436 mm (h)  
7.9" (w) x 10.2" (d) x 17.2" (h)

### Weight

5.0 kg (11.0 lbs.)

### Main Supply Voltage

100 to 240 VAC (adjusts automatically),  
50/60 Hz

### Power consumption

35 VA



Tomey Corporation  
2-11-33 Noritakeshinmachi  
Nishi-ku, Nagoya 451-005 JAPAN  
Tel 81.52.581.5327  
Fax 81.52.561.4735

Tomey Corporation USA  
300 Second Avenue  
Waltham, MA 02451  
Tel 800.358.6639  
781.890.1515  
Fax 781.290.5885  
Email sales@tomey.com

Tomey Deutschland AG  
Am Weichselgarten 19a  
D-91058 Erlangen-Tennenlohe  
Tel 49.9131.7771 0  
Fax 49.9131.777120