

One vision, Two sharp eyes with Our Innovation

# TL-100

## Auto Lensmeter

Beauty of the Simplicity

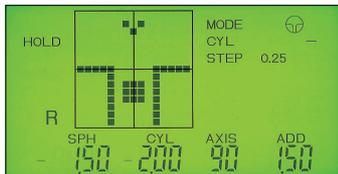


- Automated Measurement
- Automatic Detection of Progressive Lenses
- Easy-to-Read Back- Illuminated Display
- Fast & Easy to Use
- Prism Measurement

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# TL-100

Auto Lensmeter



#### Clean Display

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

## 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.

## TL-100 SPECIFICATIONS

### Measurement Ranges

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

### Measurement Units

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

### Measurement Modes

Cylinder	+/-/-
Prism	Rectangular/Polar coordinates

### Sampling Speed

0.035 seconds

### Measurement

Wavelength	660nm
Diameter of the beam	3mm

### 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 V

50/60 Hz

### Power consumption

35 VA



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