

One vision, Two sharp eyes with Our Innovation

# TL-100

## Auto Lensmeter

Beauty of the Simplicity

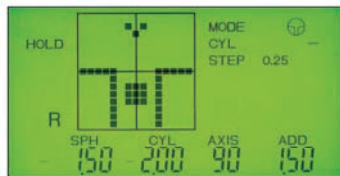


- Automated Measurement
- Automatic Detection of Progressive Lenses
- Easy-to-Read Back- Illuminated Display
- Fast & Easy to Use
- Prism Measurement

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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) x260 mm (D) x436 mm (H)  
 7.9" (W) x10.2" (D) x17.2" (H)

**Weight**

5.0 kg(11.0 lbs.)

**Main Supply Voltage**

100 to 240 V

50/60 Hz

**Power consumption**

35 VA