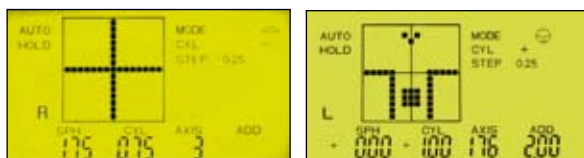


# SMART AUTO-LENSMETER

▶ AFFORDABLE ALLROUNDER TL-100

- *More Performance for Less Money*
- *Automated Detection and Measurement of Progressive Lenses*
- *Prismatic Lens Measurement*
- *Contact Lens Mode*
- *Large, Background Illuminated Display*
- *Auto Hold Function*



Normal  
ModeProgressiv  
Mode

## Real-time Display and Data Handling

The Tomey TL-100 AutoLensmeter is a fully automated and compact device. The sophisticated auto-hold function and the automated detection of progressive lenses are just two of the advanced features. The function buttons are conveniently located close to the lens stage for easy access. The clearly structured alignment assistance guides you to exact lens positioning. The data of both lenses are stored and displayed on the large LCD screen. This valuable and competent system for a very competitive price is the perfect tool for your refraction room or laboratory.

## Flexibility

You can check all relevant lenses with our TL-100. The unit allows measuring of all standard lenses, high-index lenses, bifocal, and progressive lenses including prismatic power. You may adjust the ABBE number according to your needs. The unit ensures easy measurement in dry mode of all contact lenses.

## Accuracy and Wide Range

The specifications of the TL-100 AutoLensmeter demonstrate the highly accurate measuring abilities and wide measurement range for spherical and cylindrical values as well as for prism readings.

## The Large Illuminated LCD Screen

All significant data are displayed in real-time on the large and contrast-adjustable LCD screen. Thanks to the background illumination of TL-100 you have a clear view of data in every environment.

## Compact and Efficient

The TL-100 has been designed with a minimal footprint, occupying little valuable space in your refraction room or laboratory. With its outstanding performance, the TL-100 will be a high value at low cost addition to your practice.

**The Tomey AutoLensmeter  
TL-100: quick and easy  
operation. Small in size  
but huge in functionality.**

## SPECIFICATIONS

### Measurement Ranges

Sphere Power	+/- 25 D
Cylinder Power	+/- 9.99 D
Axis	0 to 180°
ADD	0 to 9.99 D
Prism	0 to 9.99 Δ

### Measurement Increments

Diopter	0.01 / 0.12 / 0.25 D
Prism	0.01 / 0.12 / 0.25 Δ

### Measurement Modes

Cylinder	+ / ± / -
Prism	Rectangular Coordinates / Polar Coordinates
Lens Modes	Standard / High Index / Bifocal / Progressive Lenses
Contact Lens Mode	Yes

### Measurement Parameters

Measurement Time	0.035 sec.
Wave Length	660 nm
Sensor Diameter / Beam Diameter	3 mm / 10 mm
Lens Blanks	20 to 100 mm
Setting of ABBE Number	30 to 65

### Data Control

Display	LCD DOT (monochrome), Size: 4.0 Inches
Memory	Single
Switch Button	Mechanical

### Marking

Unit	Plastic
Cartridge	Blue

### Dimensions & Electric Requirements

Dimensions WDH	200 x 260 x 436 mm
Weight	Approx. 5.0 kg
Power Supply	AC 100 to 240V
Frequency	50 / 60 Hz
Power Consumption	Less than 40 VA

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TECHNOLOGY AND VISION