

*One vision, Two sharp eyes with Our Innovation*

# TL-7000/ TL-6000

## Auto Lensmeter

Precise measurement using new measurement technology



- Hartmann sensor wavefront technology
- UV/Blue light measurement
- Lens mark recognition support
- Simple power mapping  
(TL-7000 recommended)
- LAN and RS-232C connection



One vision, Two sharp eyes  
with Our Innovation

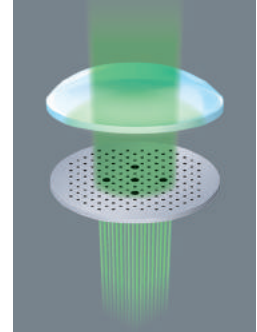
# TL-7000/TL-6000

Auto Lensmeter



## Wavefront technology with Hartmann sensor (117 points)

Using 117 point Hartmann sensor wavefront technology in the TL-7000/6000, measurement accuracy of vertically narrow progressive lenses has markedly improved.



Hartmann sensor

## Simultaneous measurement of UV/Blue light and power

By emitting measurement light, UV light (375nm) and Blue light (465 nm) simultaneously, it is possible to check UV/Blue light transmittance as well as conduct power measurements.

## Lens mark recognition support

Displaying the grid patterns on the screen will help recognition of lens marks. Grid patterns are selectable.



Lens mark assist

## Simple Power Mapping

With the power mapping function, a lens-shaped simple map will be displayed. (For precise power mapping, the use of PD value and L value is recommended, an exclusive function of TL-7000.)



Simple power mapping

## LAN and RS-232C connection

Output the measurement data from each port of LAN and RS-232C.

## TL-7000/TL-6000 SPECIFICATIONS (other than specified items, specs are exactly the same)

### Measurement Range

Spherical power (SPH)	+/- 25D
Cylindrical power (CYL)	+/- 10D
Axial angle (AXIS)	0 to 180 degrees
Additional power	-2 to +10D
Prism power	0 to 15 Δ

### Increment

Diopter	0.01/0.06/0.12/0.25D
Prism	0.01/0.06/0.12/0.25Δ

### Wavelength

Diameter of the lens	φ20 to 120 mm
	more than φ5mm for CL

### Pupillary Distance

	40 to 86 mm (step:0.5mm)
--	--------------------------

### Measurement Object

	Spectacle lens, Contact lens,
--	-------------------------------

Optical lens

### Transmittance of UV

The peak of the wavelength is 375nm

### Transmittance of Blue light

The peak of the wavelength is 465nm

### Display

7-inch-wide color TFT with touch panel

### Printer

Thermal printer

Paper width 58mm

### External communication port

RS-232C, USB3.0, Ethernet

### Dimensions and Power Source

188(W) x 240(D) x 430(H) mm

### Dimensions (when LCD is tilted)

### Weight

Approx. 5.5kg (12.1lb)

### Voltage

AC 100V-240V

### Frequency

50/60Hz

### Power Consumption

40-50VA