TL-6000/TL-7000
Automated Lensmeter

The 117-point Hartmann sensor wavefront technology in the TL-6000 and TL-7000 enables high measurement accuracy and speed for all types of lenses.

Excellent features

+ Wavefront technology with Hartmann sensor (117 points)
+ Simultaneous measurement of UV/blue light and lens power
+ Lens mark recognition support
+ Basic power-mapping
+ LAN and RS-232C connection
+ WiFi connection and PD measurement for TL-7000 only

TL-6000

TL-7000

Specifications

MEASUREMENT RANGE	
Spherical power (SPH)	±25 D
Cylindrical power (CYL)	±10 D
Axial angle (AXIS)	0° to 180°
Additional power	-2 to +10 D
Prism power	0 to 15 Δ

MEASUREMENT INCREMENT	
Dioptre	0.01/ 0.06/ 0.12/ 0.25 D
Prism	0.01/ 0.06/ 0.12/ 0.25 Δ

MEASUREMENT PARAMETERS	
Wavelength	535 nm
Transmittance of UV light	The peak of the wavelength is 375 nm
Transmittance of blue light	The peak of the wavelength is 465 nm
Measurement objects	Spectacle lens, contact lens
Diameter of the lens	20 to 120 mm, > 5 mm for CL
Pupillary distance	40 to 86 mm, step: 0.5 mm (for TL-7000 only)

HARDWARE PARAMETERS	
Display	7.0" colour TFT-LCD, with touch panel
Printer	Thermal printer
Output	RS-232C, USB 2.0, Ethernet, WiFi (for TL-7000 only)

DIMENSIONS AND ELECTRICAL REQUIREMENTS	
Dimensions WDH	188 x 240 x 430 mm (when LCD is tilted)
Weight	approx. 5.5 kg
Voltage	100 VAC to 240 VAC
Frequency	50/60 Hz
Power consumption	40 VA to 50 VA

TOMEY

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