

# AUTO-LENSMETER

AUTO-LENSMETER TL-2000C / TL-3000C

- 5.7 " colour touch screen
- Simultaneous measurement of UV transmittance and lens power (TL-3000C)
- PD measurement (TL-3000C)
- Refractive index calculation
- Modern progressive mode
- Very precise marking unit (metal + 4 pins)





## QUALITY IN DETAIL

### > Colour touch screen

The Tomey TL-2000C / TL-3000C is very easy to operate with the tiltable 5.7" colour touch screen. Icons will guide you through the whole menu and guarantee fast and intuitive operation. You can customise the colour and the shortcut menu buttons as you prefer.

### > UV transmittance (TL-3000C)

While measuring the power of the lens the UV transmittance will be displayed simultaneously. To illustrate the result to your customer you can use the UV demonstration screen.

### > Auto table lock function

When the optical centre of the lens is aligned the lens table will block automatically.

### > Modern progressive mode

The system detects and measures automatically all progressive lenses. Also modern multi-focal lenses may be measured in FAR, MID and NEAR areas.

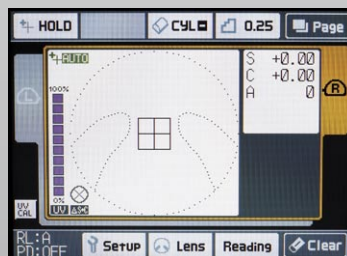
### > Very precise marking unit

The Tomey TL-2000C / TL-3000C lensmeters are equipped with a 4-pin lens holder and a metal marking unit. This enables you to mark the lenses very precise.

Of course both lensmeters are measuring standard and high index, bifocal, trifocal, progressive and prism lenses. Also they have an integrated, fast and silent printer, an automatic contact lens mode and data storage for 99 single measurements.



UV demonstration screen  
(TL-3000C only)



Progressive mode

## SPECIFICATIONS

### TL-2000C / TL-3000C

#### Measurement range

Sphere (SPH) . . . . .  $\pm 25$  D  
Cylinder (CYL) . . . . .  $\pm 10$  D  
Axis (AXIS) . . . . . 0 to 180°  
ADD . . . . . -2 to 10 D  
Prism . . . . . 0 to 10  $\Delta$

#### Measurement increment

Dioptre . . . . . 0.01 / 0.12 / 0.25 D  
Prism . . . . . 0.01 / 0.12 / 0.25  $\Delta$

#### Measurement mode

Cylinder . . . . . + /  $\pm$  / -  
Prism . . . . . Rectangular coordinates /  
polar coordinates /  
displacement

#### Measurement parameters

Time . . . . . 0.035 sec.  
Wavelength . . . . . 660 nm  
Beam diameter . . . . .  $\varnothing$  3 mm (TL-2000C)  
 $\varnothing$  2.5 mm / 5 mm (TL-3000C)  
Lens diameter . . . . .  $\varnothing$  20 to 120 mm  
( $>$  5 mm for CL)  
ABBE number . . . . . 20 to 65  
Ref. index calculation . . YES  
UV light transmittance . . 385 nm (TL-3000C)  
PD measurement . . . . . 50 to 86 mm (0.5 mm  
increments) (TL-3000C)

#### Data control

Display . . . . . 5.7" TFT LCD touch panel  
Alignment . . . . . Cross cursor  
Printer . . . . . Thermal printer  
Table lever . . . . . Auto table lock function  
External communication RS-232C, USB1.1

Marking unit . . . . . Metal

Lens holder . . . . . 4 pins

Cartridge . . . . . White

#### Dimensions & electrical requirements

Dimensions WDH . . . . . 205 x 249 x 445 mm  
Weight . . . . . Approx. 6 kg  
Voltage . . . . . AC 100 to 240 V  
Frequency . . . . . 50/60 Hz  
Power consumption . . . . 35 to 55 VA



TL-2000C

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