

# COT-L900

## Auto Lensmeter

7.0-inch HD touch color display

Streamlined, faddish, abundant and atmospheric design

Green LED light source, ABBE compensation no required

Food-grade ABS material case, zero failure rate quality standard

Rapidly and automatically determine and measure the progressive lens in high precision

Upgraded Hartmann intelligent measurement technology, faster, more accurate and more stable

- |   |                               |
|---|-------------------------------|
| ① L/R sign  | ⑥ Left lens measurement       |
| ② Measurement mode                                    | ⑦ Current working mode        |
| ③ Data display  | ⑧ Right lens measurement      |
| ④ Menu  | ⑨ Clearing the memorized data |
| ⑤ Frame VD / bifocal lens / trifocal lens measurement | ⑩ Printing the fixed data     |



### TECHNICAL INDEXES

Measuring range

Sphere: 0 to  $\pm 35D$  ( 0.01D/0.06D/0.12D/0.25D steps )

Measuring range		Accuracy
< 0D, $\geq -5D$	> 0D, $\leq +5D$	$\pm 0.06$
< -5D, $\geq -10D$	> +5D, $\leq +10D$	$\pm 0.09$
< -10D, $\geq -15D$	> +10D, $\leq +15D$	$\pm 0.12$
< -15D, $\geq -20D$	> +15D, $\leq +20D$	$\pm 0.18$
< -20D, $\geq -35D$	> +20D, $\leq +35D$	$\pm 0.25$

Cylinder: 0 to  $\pm 10D$  ( 0.01D/0.06D/0.12D/0.25D steps )

Axis:  $0^\circ$  to  $180^\circ$  (  $1^\circ$  steps )

ADD: 0 to 10D ( 0.01D/0.06D/0.12D/0.25D steps )

Prism: 0 to  $15\Delta$  ( 0.01 $\Delta$  )

Measuring range	Accuracy
> 0 $\Delta$ , $\leq 5\Delta$	0.1 $\Delta$
> 5 $\Delta$ , $\leq 15\Delta$	0.2 $\Delta$

Cylinder mode: +, + / - , -

Prism mode: X-Y: Cartesian Coordinates H: I, O . V: U, D

P-B: Polar Coordinates

mm: mm expression

Reading resolving power: 0.01D/0.06D/0.12D/0.25D

PD measure

Measure single vision lens, bifocal lens, trifocal lens and progressive lens, etc.

Contact lens measure

UV transmissivity test

Measurable transmissivity: > 10%; > 20% at  $\pm 10D$  and over

Contact lenses: 0 to  $\pm 25D$ , BC 6.00 to 9.00

Display: 7.0-inch HD touch color display

Menu: readable diagram, easy operation

Lens diameter: 20mm-100mm

Power source: AC100 (  $\pm 10\%$  ) -240 (  $\pm 10\%$  ) V 50/60Hz 40VA

Power consumption: 40W

Weight: 6.8kgs

Dimensions: 565mm\*350mm\*355mm (W\*D\*H)

Environmental condition

- Temperature: 5-40°C (In usage)  
-20-60°C (In storage/transference)
- Humidity: 30-85% (Non-condensing) (In usage)  
10-95% (In storage/transference)
- Atmospheric pressure: 700-1060hpa
- Allitud: up to 2000m
- Others: No harmful dust or smoke

Optional accessories: printer (built-in thermosensitive paper size: 57mm)

## COT-L900 Auto Lensmeter



Constant Pursuit, Higher and Better, Achieving You and Us.