

COT-L800

Auto Lensmeter

- Green LED light source, ABBEcompensation no required
- Hartman testing method, CPU high-speed precise computing
- Automatic identifying the lens type, Automatic measurement, Automatic reading and memorying the data
- 5.7 inch high resolving power LCD screen
- Broad contents, strong performances, simple and convenient operation
- Latest international designing concept of collecting technology, mode and individuality



- Indicator light
- Lens holder device
- Nose holder(PD slider)
- Nosepiece
- Read button
- LCD Screen
- Operating button
- Marking lever
- Ink box
- pen
- lens/frame table handle
- Lens/frame table
- Printer



TECHNICAL INDEXES

Measuring range

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

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

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

Axis: 0° to 180° (1° steps)

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

Prism: 0 to 15Δ (0.01Δ)

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

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: 5.7" TFT LCD

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: 4kg

Dimensions: 190mm*210mm*420mm (W*D*H)

Environmental condition

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

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

COT[®]

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