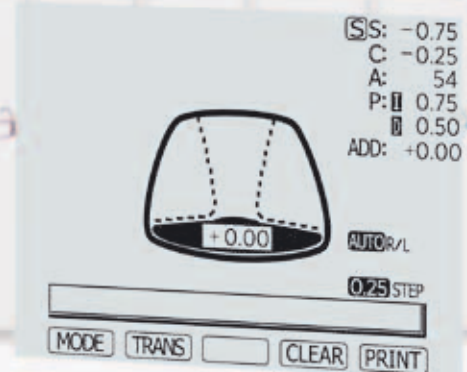
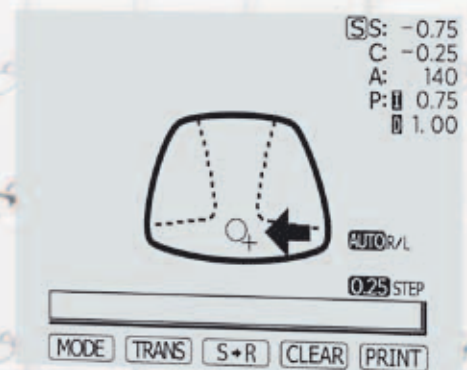


Computerized Lensmeter

CL-100



FAST AND ACCURATE, COST EFFECTIVE LENS MEASUREMENT

CL-100

The CL-100 is a straightforward to operate lensmeter with a clear, large LCD screen. The CL-100 gives fast and reliable results.

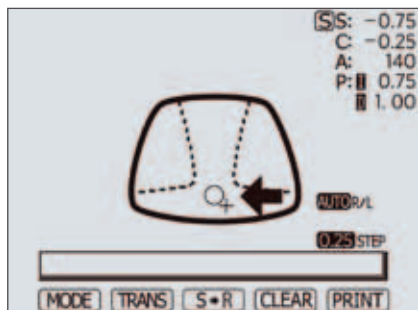
Obtain precise measurement of all types of lenses instantly with the Topcon CL-100; a large (320×240 dots) LCD panel displays data instantly.

Contact lens measurement

The CL-100 provides fast, positive measurement data of all types of hard or soft contact lenses.



Measurement of progressive lenses is fast and easy, with data presented clearly by a unique graphic display



The CL-100 automatically distinguishes a progressive lens and shifts the display to an hourglass representation; simply align the lens with the (+) target.



As soon as the target is properly aligned, the lower section of the hourglass display darkens, indicating readiness to measure lens near power.



Move the lens table to align the glasses for measuring the near section of the lens. With multi-focal lenses, the column fills until a horizontal line appears, indicating establishment of the maximum prescribed ADD power. Now simply press the memory button to complete lens measurement, and repeat the procedure for the second lens.

Expanded display of measurement data

S.C.A. data can be displayed in larger figures for faster, easier observation. Simply select Expanded or Normaldata display from the Menu Box.



Data record indicator

The CL-100 gives an audible indication when lens data is stored into memory.

Menu selection of adjustment/mode

Selection of all functions is quick and simple thanks to a menu of choices displayed on the monitor and an array of clearly marked buttons just below.



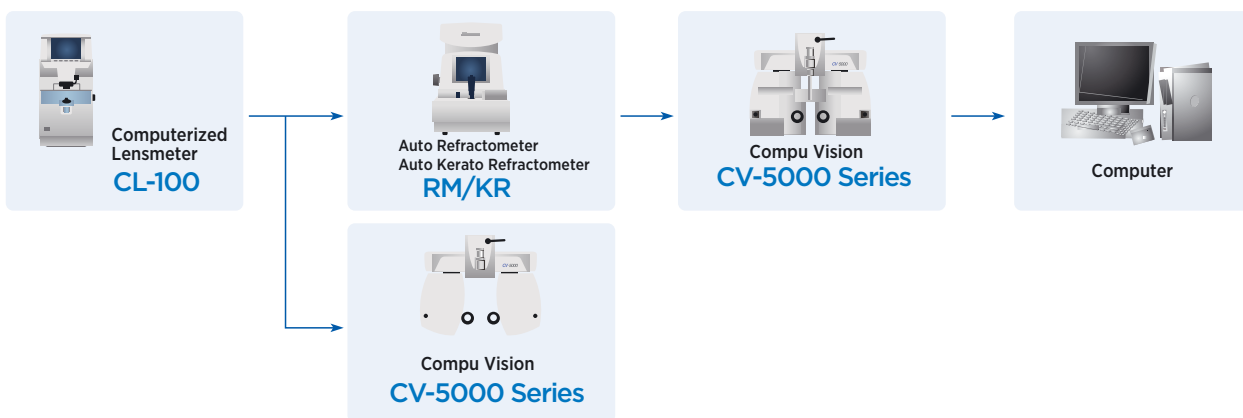
Printer

The compact digital printer of the CL-100 enables immediate printout of the measurement data.

Specifications

Measurement Range	Sphere power Cylinder power Cylinder axis ADD power Prismatic power Light source Abbe compensating	0 to ± 25 D (0.12D / 0.25D steps) 0 to ± 10 D (0.12D / 0.25D steps) 1° to 180° (1° step) 0 to + 10D (0.12D / 0.25D steps) 0 to 10 Δ (0.12 Δ / 0.25 Δ steps) LED 620nm Manual compensation of a lens different in Abbe number
Lens diameter		ϕ 5 to 100 mm
Display		320 x 240 dots LCD display Indication: Single / Right-Left/S.C.A., Prism, Addition / Progressive / Abbe
Data transport terminal		RS-232C
Power supply		AC 100, 120, 220 to 240V auto shut off in 10 minutes (CE marking only: 230V)
Power consumption		55VA
Dimensions		215(W) x 220(D) x 420(H) mm
Weight		6.5kg

System Chart



IMPORTANT

Subject to change in design and/or specifications without advanced notice.

In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation.

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