

AUTO REFRACTOMETER



OPTITECH
Single LTL
Auto Ref-Keratometer

Easy to Use

Wide 7 inch Touch-screen panel

Auto Ref-Keratometer is equipped a wide 7 inch color TFT LCD with touch-screen panel to use all the function with ease.



Fully automatic measurement operation

The correct position of patient's eye is available to be found automatically by internal-software without operation of joystick. Further, Eingle LTL is also available to align and measure automatically with touching of screen only.

Tiltable LCD screen for 120 Degree

The LCD screen enables operator to measure in comfortable position even when the patient's eyelid needs to be opened by operator.



External thermal printer

External thermal-printer equipped with auto loading & cutting can be connected using RS-232C or wireless RFID. It can be also connected with other devices such as auto vision-tester, PC, auto lensmeter and so on.

Networking ability

It allows to connect with other devices such as auto vision-tester, auto lensmeter, PC as well as EMR/EHR protocol system.

Suitable Chin-rest and Head-rest

Provides the patients with the comfortable measuring environment by adopting Chin-rest and Head-rest with soft material of silicon rubber.



Refractometer Measurement

Sphere	-25.00 ~ +25.00D (VD 12mm) (0.01 / 0.12 / 0.25D Steps)
Cylinder	0 ~ ±10D (0.01 / 0.12 / 0.25D Steps)
Axis	1 ~ 180° (1° Step)
Requirement minimum pupil	2.0mm

Keratometer Measurement

Radius curvature	5.00 ~ 10.00mm (0.01/0.05mm Step)
Refractive Power	67.50 ~ 33.75D (n=1.3375) (0.01 / 0.12 / 0.25D Steps)
Astigmatism	0 ~ ±15D (0.01 / 0.12 / 0.25D Steps)
Astigmatic axis	1 ~ 180° (1° Step)
Peripheral measurement	6.0mm (r=7.8)
IPD Range (Interpupillary Distance)	10 mm - 85 mm
Size Measurement (Cornea diameter)	0 ~ 12.7mm
Special Function	PK (Peripheral Keratometry) ILLUM (Retro-illumination) SIZE (Cornea diameter) CLBC (Contact lens base curve)
Target chart	Auto fog system with dot chart / Auto fog system with scenery chart (optional)
Display	Tiltable wide 7 inch TFT color LCD Luminance 400cd/m2 Resolution 800 x 480 Pixels

Printer	External thermal printer with auto loading & cutting
Interface	RS-232C (RX/TX), D-sub (Video out)
Dimension	458 (W) X 210 (D) X 405 (H)
Weight	Approx. 13 KG
Power Supply	AC 100 - 240V 50/60Hz
Power Consumption	55 ~ 85 VA

TARUN ENTERPRISES

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