

LDR-7800

DIGITAL REFRACTOR

TO MAKE FAST AND ACCURATE REFRACTION TEST WITH CONVENIENCE, LUXVISION PHOROPTER WITH SLIM DESIGN CAN BE THE RIGHT ANSWER. Fulfill more precise exam with various tests covering basic to more sophisticated ones. Luxurious design and intuitive graphic interface meet the highest requirement of aesthetic and functional comfort.

SPECIFICATIONS

Spherical Lens	-29.00~+26.75D (Regular) -19.00~+16.75D (Cross Cylinder or Prism Test) (0.12D / 0.25D / 0.5D / 1.0D / 2.0D / 3.0D / 4.0D Increments)
Cylinder Lens	0.00~+8.75D (0.25D / 0.5D / 1D / 2D / 3D Increments)
Cylinder Axis	0~180° (1° / 5° / 15° Increments)
PD	48~80mm (0.5 / 1mm Increments)
Rotary Prism (ments)	Near Working Distance : 35~70cm
Cross Cylinder	0~200 (0.10 / 0.20 / 0.50 / 10 / 20 Increments)
Retinoscope	±0.25D / ±0.50D / ±0.25D Dual Cross Cylinder (Split Prism Lens) +1.5D, +2.0D (Measurement Distance 67cm, 50cm)
AUXILIARY LENS	
Pin Hole Lens	Ø1mm
Madox Rod	Right Eye (Red, Horizontal) Left Eye (Red, Vertical)
Red / Green Filter	Right Eye (Red), Left Eye (Green)
Polarizing Filter	Right Eye: 135°, 45° / Left Eye: 45°, 135°
Split Prism	Right Eye(60BU) Left Eye (100BU: up to 50 complement)
Fixed Cross Cylinder	±0.50D (Fixed with the axis set at 90°)
DIMENSIONS	
Refractor	361(W) x 108(D) x 280(H) mm / 4.7 kg
Controller	216(W) x 246(D) x 225(H) mm / 1.89kg (Printer included)
Junction Box	251(W) x 240(D) x 71(H) mm / 1.88kg
Power Supply	AC 100-120V / AC 200-240V 50 / 60Hz
Power Consumption	145VA



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REMARKABLE FEATURES



POWERFUL CROSS CYLINDER LENS

The dual cross cylinder lens makes fast & convenient examinations. Automatic occluding function prevents examinee's eye from accommodation, while the lens is rotating over 45 degrees or test mode is changing.



REAL TIME GUIDE

Graphical representation displayed on screen guides you to make easier and faster refraction in real time.



RESULTS DISPLAYED IN TABLES AND GRAPHICS

Test results are shown in tables and graphics helps w understand easier and faster.

TOUCH SCREEN & MULTI FUNCTION JOG DIAL

Touch screen interface offers intuitive guide with great convenience for operation. Multi- function Jog dial assists fast convenient lens loading and execution of programs.



VARIOUS IMAGE CLIPS

Color blindness test, Amsler's Grid and many other kinds of near vision charts are provides for more perfect test. Various image clips including progressive lens guide, diagram of an eye & refraction support better understanding for customers.