AXION Digital Refractor SDR·3000

Specifications

Measurement Range	
Spherical Lens	-29.00 ~ +26.75D
	(0.25D / 1.00D / 2.00D / 3.00D STEP)
Cylinder Lens	0.00 ~ -9.75D
	(0.25D / 1.00 / 2.00D STEP)
Cylinder Axis	0 ~ 180°
	(1° / 5° / 10° / 15° / 20° STEP)
PD	50 ~ 80mm(1mm STEP)
	(Near Working Distance : 35 ~ 70cm)
Rotary Prism Lens	0 ~ 24△
	(0.1 / 0.2 / 0.5 / 1.0 / 2.0△ STEP)
Cross Cylinder	±0.25D
Retinoscope	+1.50D(67mm), +2.00D(50cm)
Visual Filed	35°
Auxiliary Lens	
Occ	
Pinhole Plate	ø 1mm
Maddox 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(6△BU)
	Left eye(10△BI)
Cross Cylinder Lens	±0.50D(Fixed with the axis set at 90°)
Dimension	
Head	450(W) × 308(D) × 131(H), 6.8kg
Controller	230(W) × 268(D) × 152(H), 1.1kg
Thermal Printer	48mm(Printing Width)
Power Source	58mm(Paper Width)
Power consumption	AC 100 ~ 120V / AC220 ~ 240V
	120VA

※ Specifications are subject to change without notice.

Innovative Optical Instrument System
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AXION SDR·3000

Innovative Optical System

AXION Digital Refractor SDR·3000

New brand name of optical vision test equipment
Sambo tech's AXION series

CE World Quality

SAMBO TECH

AXION

Digital Refractor

SDR·3000

New brand name of optical vision test equipment
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Easy and flexible PD Control

Whatever the test mode is, SDR-3000 is
always able to have PD control and measurement
during the test, with perfect establishment function
adjustable freely.
When it is converted the far-sightedness test into the short-sightedness test,
PD is converted automatically.

Key Features

Full data display with high-contrast LCD and Great deal of information can displayed.

Easy operation with electronic dial and colored key
operation while looking at the patient is now possible.

For the operator who likes the convenience of automated
control with this software and also prefers operation of 1 dial controller.

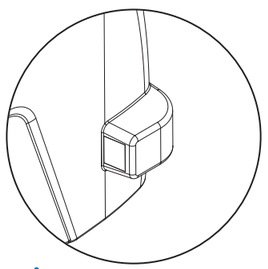
Selectable Dioptric Step

By rotating the dial while pressing the SHIFT key,
you can change the steps : SPH : 0.25 / 1.00 / 2.00 / 3.00D
and CYL : 0.25 / 1.00 / 2.00D

Selectable axis steps 1°/ 5°/ 10°/ 15°/ 20°
You can also change the axis step by the dial while pressing the SHIFT key.

VD checking window, Pupil illumination

Through the VD checking window, the operator can check
the exact patient's eye position, so it is possible to do
the excellent eye test.



Cross-cylinder lens

Rapid reversing cross cylinder lens can help the
measurement easier.
In case of lens reverse or changing mode,
the automatic cover function(option) help
the patient forbid control interference, so more accurate and comfort
test can be possible.

Accurate rotary prism

Possible to check to maximum 20⊿ using 0.1⊿ unit.
When the operator change the prism direction,
automatic cover function(Option) help and give
for accurate and comfort test.

Near view chart

It is the perfect and various chart system and
is possible to rotate 180°(back and forth) / 360°(left and right).

Perfect congestion support

When checking near view test or presbyopia, perfect congestion function is provided.
Also, accurate eye test can be possible through the lens center of checking window.
▶ distance ('for reading') : 35 ~ 70Cm
▶ PD : 50 ~ 80mm

Printer

A speedy printing can analyze various measurement data easily.

Simple Detachment of forehead Rest and Face Shield

It is very easy to detach the face shield and the
forehead rest from SDR-3000 for cleaning.

Linking function with Chart Projector (SCP-3000)