

DAV-3IP



AutoVision tester

Combination of innovative technologies

The combination of a streamlined refractor head and user-friendly control console allows exceptionally precise and efficient examinations. Enhanced data communication functions strengthen the seamless network in diverse environments.

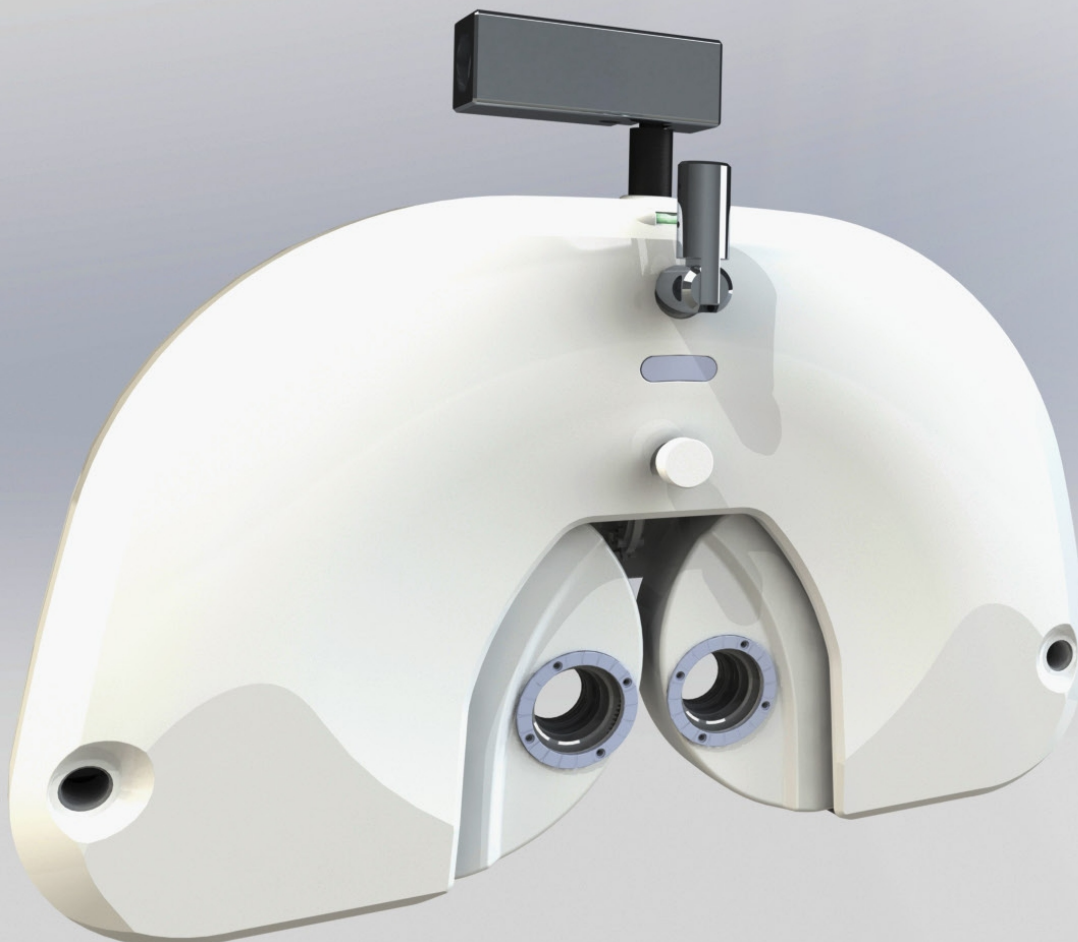
Single body concept

The more compact appearance of the single body concept enables more complete interaction with the patient.

The partner : New DAV-31P Auto Vision Tester

Auto Vision Tester New DAV-31P is the most important partner in your refraction room.

Its digital refractor head enables very fast and silent lens rotation for the comfort between operator and patients.



Near vision LED illumination

LED illumination from DAV-31P digital refractor provides bright illumination of the near test chart. The external refraction lamp is no longer required.

Tilting function for near vision test

To provide a natural and comfortable reading position during the near vision test, DAV-31P digital refractor is tilted within a wide range.

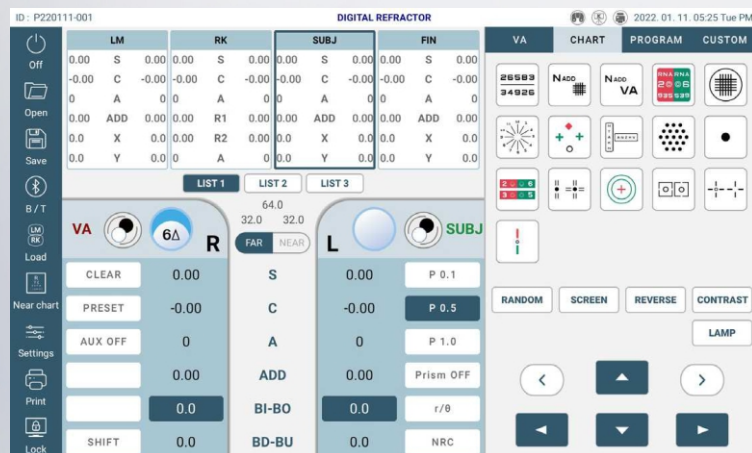
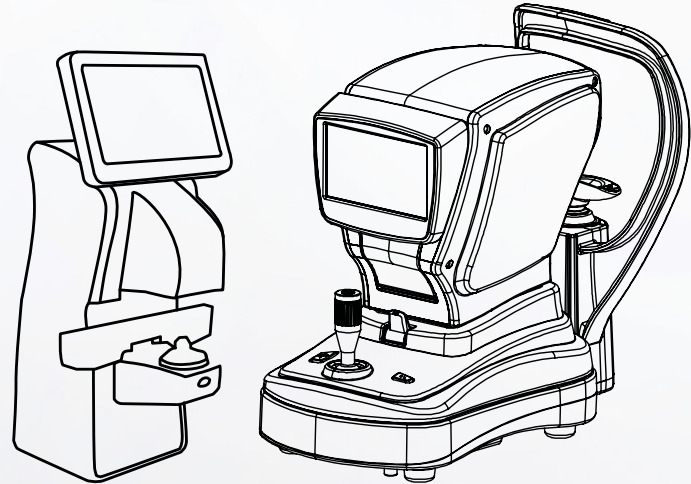
Google's Android

All of software provided by DAV-31P comes with Google's Android, which is very user-friendly.



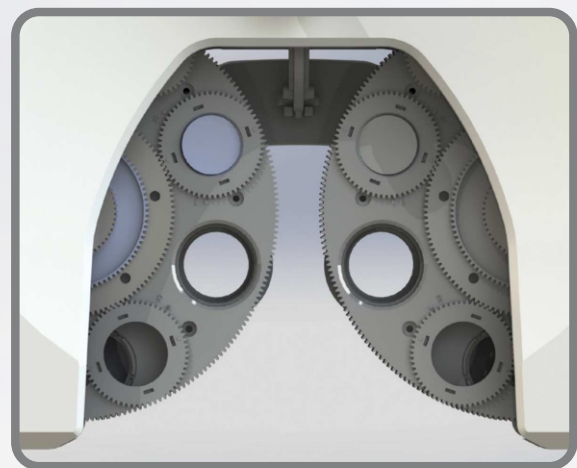
Various compatibility

DAV-31P has the compatibility with various refraction equipment such as auto refracto-keratometer and lensmeter.

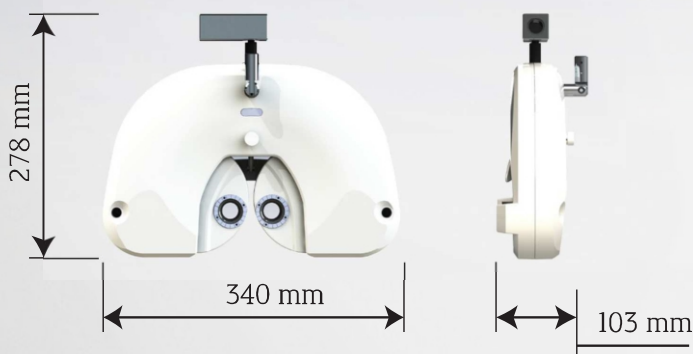


High speed lens disc rotation

Efficient lens disc rotation reduces ocular stress and error as well as confusion for the patient. The total refraction is reduced significantly.



Compact & Unique design

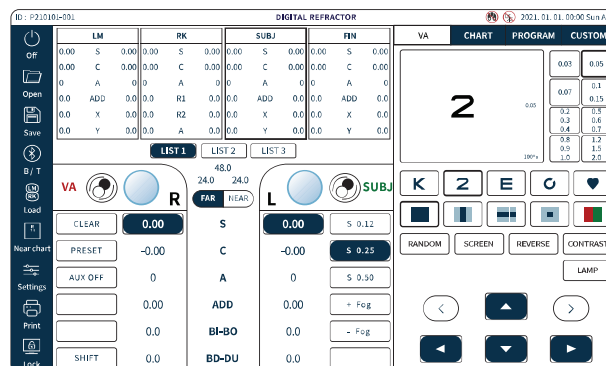


Auto Vision Tester DAV-31P has more compact with single and unique exterior. It enables more perfect interaction with the patients.

Portable thermal printer



Portable thermal printer equipped with lithium battery can be connected with DAV-31P bluetooth.



Specifications

This is a medical device conformed with IEC 60601-1:2005+A1:2012.

Measurement Range	
Spherical Lens	-29.00 ~ +26.75D (Regular) -19.00 ~ +16.75D (During XC or Prism Tests) (0.12 / 0.25 / 0.5 / 1 / 2 / 3D increments)
Cylinder Lens	0.00 ~ ±8.75D (0.25 / 0.5 / 1 / 2 / 3D increments)
Cylinder Axis	1 ~ 180 degree (1 / 5 / 15 increments)
PD	48 ~ 80mm (0.5 / 1 mm increments) Near PD : 50~74mm Near Working Distance : 35 ~ 70cm
Rotary Prism Lens	0 ~ 20Δ (0.1 / 0.2 / 0.5 / 1 / 2Δ increments)
Cross Cylinder	±0.25D ±0.50D ±0.25D Split Lens (Dual Cross Cylinder)
Retinoscopic Lens	+1.5D, +2.0D (Measurement Distance 67cm, 50cm)
Auxiliary Lenses	
Occluding Aperture	
Pinhole Lens	2mm
Maddox Rod	Right Eye (Red, Horizontal), Left Eye (Red, Vertical)
Red / Green Filter	Right Eye (Red), Left Eye (Green)
Polarizing Filter	Right Eye (135, 45degree), Left Eye (45, 135degree)
Split (Dissociation) Prism	Right Eye (6Δ BU) Left Eye (10Δ BI / up to 5Δ complement)
PD Alignment Lens	
Fixed XC Lens	±0.50D, with the axis fixed at 90degree
Visual Field	40 degree (VD=12mm)
Hardware	
Digital Refractor	340(W) x 103(D) x 278(H)mm, 4.5 kg
Junction Box	173(W) x 138(D) x 51(H)mm, 0.8 kg
Power Supply	AC 100-240V, 50/60Hz, 0.3A

Authorized Sales Partner: