

–Provides various special visual functions, including qualitative and quantitative analysis of visual mechanisms represented



VT-100

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Comprehensive Refractometer

- Elegant design
- Multiple independent visual function test
- 3.00D adjustment available with the sphere fast rotating disk
- The unique cross cylinder design improving the convenience and flexibility
- Easy to measure near visual acuity
- Optional tablet available

Measuring range

Sphere: $-29.00 \sim +26.75D$ (step: $0.25D/0.5D/1D/2D/3D$)
 Cylinder: $0.00 \sim 8.75D$ (step: $0.25D/0.5D/1D/2D/3D$)
 Cylinder Axial: $0 \sim 180^\circ$ (step: $0.25D/0.5D/1D/2D/3D$)
 PD: Far: $48 \sim 80mm$
 Close: $45 \sim 75mm$ (step: $0.5/1.0mm$)
 Working distance: $35 \sim 70cm$ (step: $5cm$)
 Prism: $0 \sim 20\Delta$ (step: $0.1\Delta/0.2\Delta/0.5\Delta/1\Delta/2\Delta$)
 Jackson Cross Cylinder: Jackson cross cylinder $0.25D$
 Jackson cross cylinder $0.5D$
 $0.25D$ Dual Cross Cylinder (separation prism)
 Ophthalmoscope:
 $+1.5D$, $+2.0D$ (measuring distance $67cm$, $50cm$)

Size and weight

Weight: $430mm \times 110mm \times 330$

Power: AC220V, 50Hz

Total power: 140VA

Auxiliary lenses

Pinhole lens: 1mm

Maddox: Right (red/horizon), left (red/vertical)

Red and green lens: Right red, left (green)

Polaroid: Right (135° , 45°), left (45° , 135°)

Separation prism: Right ($6\Delta BU$) left ($10\Delta BI$)