

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



VT-100

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: 0.00~8.75D (step:0.25D/0.5D/1D/2D/3D)

Cylinder Axial: 0~180° (step: 0.25D/0.5D/1D/2D/3D)

PD: Far: 48~80mm

Close:45~75mm(step:0.5/1.0mm)

Working distance: 35~70cm (step: 5cm)

Prism: 0~20 Δ (step:0.1 Δ /0.2 Δ /0.5 Δ /1 Δ /2 Δ)

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 distance67cm, 50cm)

Size and weight

Weight: 447(W)x130(D)x288(H)mm,6.5kg

Keyboard: 214(W)x215(D)x187(H)mm,1.0kg

Junction box: 266(W)x72(D)x240(H)mm,1.0kg

Power: AC100~240V,50/60Hz

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 Δ BU) left (10 Δ BI)