

- Equipped with comprehensive measuring functions, VT-8 provides SPH, CYL, AXIS and pupil distance optometry
- Durable and easy to operate



VT-8

www.supore.com

Comprehensive Refractometer

- Easily and intuitively read the sphere focal scale value
- High eco-friendly materials
- Design fitting the face curve and no stimulation
- Easy to take and clean
- Free switch between the cross-cylindrical lens and the rotary prism

Sphere: Range: -19.00~+16.75-1 Step: 0.25-1m、3.00m-1
 Cylinder: Range: 0.00~-6m-1 (Measuring Range with Accessories 0.00~-8.00m-1)
 Step: 0.25m-1
 Cylinder Axial: Range: 0~180° Step: 5°
 Cross Cylinder: $\pm 0.25m-1$
 Rotating Prism: Range: 0 Δ ~20 Δ Step: 1 Δ
 Distance of Optical center (also known as pupil):
 Range: 50~75mm Step: 1mm
 Sight Switch:
 Range: ∞ ~380mm (distance of Optical center is 64mm)

Front Chin Test: Range: 0~16mm
 Distance (from cornea vertex to the lens surface): 16mm
 Standard Accessories Lens: Two pieces of Auxiliary Cylinder -2.00m-1 and -0.12m-1 respectively
 Standard Accessories: One piece of M2 hexagon wrench, one piece of a myopia standard card
 Two piece of myopia standard card, one piece of standard card holder, a dust cover
 Size: 338(L) x 99(W) x 292(H)mm

–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 ($135^\circ, 45^\circ$), left ($45^\circ, 135^\circ$)

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

- The 9.7-inch touch screen
- Easy to update the program



VT-700

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Comprehensive Refractometer

- The 180° rotating screen providing the direct communication with customers
- Various near visual and facilitating icons built in
- Abundant online functions
- Elegant with exquisite workmanship
- More accurate measurement
- TrueColor touch screen

Sphere: -15.00~+15.00D
 Cylinder: -08.75~+08.75
 Cylinder axis: 0~180° (step: 1/5/15/30/45°)
 PD: Far: far: 50mm~75mm
 Working distance: 35~70cm (step: 5 cm)
 Prism: 0~10Δ
 Jackson cross cylinder: ±0.50D

Ophthalmoscope: +1.5D, +2.0D (measuring distance 67cm, 50cm)
 Size
 Body of main engine: 380 (width) x 110 (depth) x 355 (height)
 Keyboard: 214 (width) x 286 (depth) x 171 (height)

Junction box: 250 (W) x 68 (L) x 230 (H)
 Voltage: AC220V, 50Hz
 Power: 140VA
 Auxiliary lens
 Pinhole lens: Φ1mm
 Maddox: Right eye (horizon), left eye (vertical)
 Red and green lens: Right eye (red), left eye (green)
 Polaroid: Right eye (135°, 45°), left eye (45°, 135°)
 Separation prism: Right eye (6Δ BU), Left eye (10Δ BI)
 Solid suprachiasmatic cylinder: Jackson cross cylinder ±0.50D
 Axis fixation 90°
 Visual degree: 32°