



VX50

Manual phoptor for a complete subjective refraction.

For a classic refraction, use the manual phoropter VX50 with its compact and ergonomic design.



FEATURES AND BENEFITS

Easy to operate

- Automated rotation of cross cylinder with the cylinder axis
- Natural position for near vision with convergence movement

High range device

- Multicoated lenses
- High quality components

Auxiliary lens dial:

- (O)-Open aperture (two positions)
- (R)-Retinoscopic lens, +1.50D
- (P)-Polarizing lens (45° - left eye / 135° - right eye)
- (WMV) or (RMV)-Maddox rod. Vertical (white - left eye / red - right eye)
- (WMH) or (RMH)-Maddox rod. horizontal (white - left eye / red - right eye)
- (RL) - Red lens (1.12-10.12D sphere)
- (PH)-Pin hole
- (10ΔL) or (6ΔU) -(10Δ base-in left eye / 6Δ base-up right eye)
- (±.50)- ±0.50D fixed cross cylinder
- (OC)-Occluder

TECHNICAL SPECIFICATIONS

GENERAL

Lens/eye Distance	13.75 mm
Head-rest adjustment	16 mm
Convergence	380 mm (when PD = 64mm)
Standards	MDD, CE

MEASUREMENT RANGE

Sphere	+16.75 to -19.00D (Step 0,25D) +26.75D to - 29.00D with additional lenses of +10.00 or -10.00D
Cylinder	0.00 to -6.00D (Step 0,25D)
Axis	0 to 180°
Cross cylinder	+ - 0.25D
Rotary prisms	0Δ to 20Δ, Step 1D
PD adjustment	48 to 75 mm, Step 1mm
Accessories	Near point card, holder and reading rod

Height	293 mm (11.5 in.)
Width	318 mm (12.51 in.)
Depth	96 mm (3.8 in.)
Weight	5 kg