

VISION TESTER VT-80

*Excellent engineering design
outstanding performance*



■ Specifications

- **Sphere Power Range:** $+16.75D \sim -19.00D$, with minimum reading $0.25D$ or $0.12D$ (When $+0.12D$ auxiliary lens or optional $\pm 0.12D$ lens is in use)
 $+26.75D$ to $-29.00D$ (when optional $\pm 10.00D$ lens is in use)
- **Cylinder Power Range:**
 0 to $-6.00D$, with minimum reading $0.25D$ or $0.12D$ (when auxiliary lens is in use)
 0 to $-8.00D$ (when $-2.00D$ auxiliary lens is in use)
- **Cylinder axis Range:** 0° to 180° each step is 5°
- **Cross cylinder:** $\pm 0.25D$, reversal type (synchronized with astigmatic axis) $\pm 0.50D$ optional
- **Rotary prism :** 0 to $20\Delta D$ in $1\Delta D$ step
- **Interpupillary adjustment:** $50mm$ to $80mm$, each step is $1mm$ (right and left synchronized)
- **Forehead rest adjustment:** $16mm$ backward and forward
- **Convergence:** The optical axes of the lenses are aligned at a distance of $400mm$ from the vertexes of the corneas ($2mm$ each for right and left inward) Interpupillary distance enabling convergence = $57mm$ to $80mm$
- **Corneal distance device:** $2mm$ forward and $5mm$ backward from standard plane with scale
- **Effective visual range:** $19mm$
- **Weight:** $5kgs$
- **Size:** $323mm \times 315mm \times 85mm$



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