

VISION TESTER

VT-150



- Quick, easy and accurate refractions
- Precision engineering for superior performance
- Extended measurement range
- Multi-coated lenses
- Synchronized cross cylinders
- Wide testing range

■ Specifications

1. **Sphere power Range:** +16.75D to -19.00D, with minimum reading 0.25D or 0.12D
(when +0.12D auxiliary lens or optional ± 0.12 D lens is in use)
+26.75D to -29.00D
(when optional ± 10.00 D lens is in use)
2. **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)
3. **Astigmatic axis scale:** 0 to 180° in 5° steps
4. **Cross cylinder:** ± 0.25 D, reversal type (synchronized with astigmatic axis) ± 0.50 D optional
5. **Rotary prism:** 0 to 20 Δ D in 1 Δ D step
6. **PD adjustment:** 48mm to 80mm in 1mm step (right and left synchronized)
7. **Forehead rest adjustment:** 16mm backward and forward
8. **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 80m
9. **Corneal distance device:** 2mm forward and 5mm backward from standard plane; with scale
10. **Effective field of view:** 19mm

