



VT-5C

Phoropter



New Technologies And Powerful Functions

Simple operation interface provides
with accurate operation experience.

Standard equipment



- Near point scale (1 pce)



- -2.00C auxiliary lenses (2 pcs)
- -0.12C auxiliary lenses (2 pcs)



- Silicon cloth (1 pce)



- Rotating near point chart (1 pce)

Specification

Sphere powers range: +16.75D to -19.00D, with minimum reading 0.25D or 0.12D

(When +0.12D auxiliary lens or optional ±0.12D 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)

Astigmatic axis scale: 0 to 180°, each step is 5°

Cross cylinder : ±0.25D, reversal type (synchronized with astigmatic axis), also can select ±0.50D

Rotary prism: 0 to 20ΔD, each step is 1ΔD

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 field of view: 19mm

Weight: 5kgs

Size: 323mmx315mmx85mm

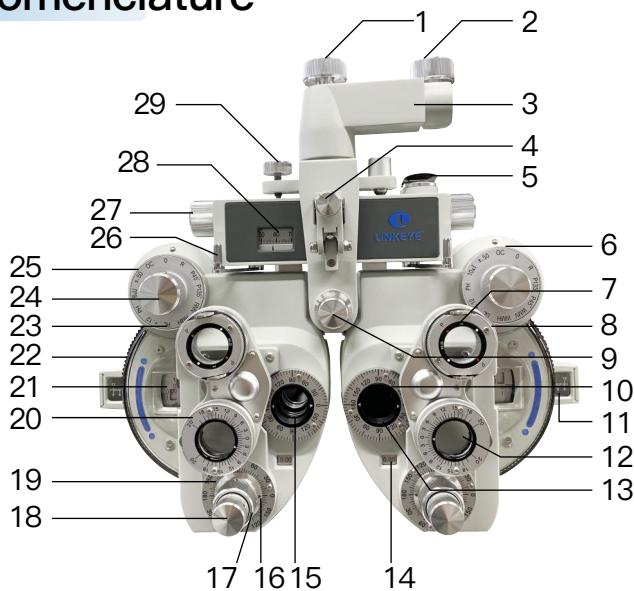
* The polystyrene case should be retained for use when sending the instrument back to the distributor or manufacturer for overhauled.

Auxilisry :

| Right eye | Left eye |
|--|--|
| O(Open aperture) | |
| OC(Occluder) | |
| ± 0.50 (Fixed cross cylinder) | |
| 6 Δ U (6 prism diopter base Up) 0 | 10 Δ I (10 prism diopter base In) |
| PH(Pinhole) | |
| +0.12(+0.12D sphere lens) | |
| RL(Red filter) | GL(Green filter) |
| RMH(Red maddox rod, horizontal) | WMH(White maddox rod, horizontal) |
| RMV(Red maddox rod, vertical) | WMV(White maddox rod, vertical) |
| P 45° (Polarizing filter, axis 45°) | |
| P 135° (Polarizing filter, axis 135°) | |
| R (Retinoscopic lens. +2.00D, for 50cm) | |



Nomenclature



1. Locking knob
2. Locking screw
3. Clamp bracket
4. Near point scale receiver
5. Level
6. Auxiliary lens mark
7. Cross cylinder
8. Cross cylinder rotating knob
9. Forehead rest adjusting knob
10. Cylinder lens axis index
11. Vextex distance display window
12. Rotary prism
13. Cylinder lens axis scale
14. Astigmatism scale
15. Accessory lens pinhole
16. Astigmatic axis index
17. Cylinder lens axis control knob
18. Cylinder lens power control knob
19. Cylinder lens axis scale
20. Rotary prism knob
21. Sphere power reading window
22. Sphere power control ring
23. Auxiliary lens pinhole
24. Auxiliary lens control knob
25. Sphere power rapid feed dial
26. Convergence lever
27. Interpupillary adjustment knob
28. Interpupillary scale
29. Levelling knob
30. Forehead rest
31. Main aperture
32. Sanitary face shield

