Specifications of L-7040

- **Measurement Range**
  - Sphere Measurement Range: +16.75D to −19.00D
two-sphere power dial combination
  - Increments: 0.25D steps
  - Cylinder Measurement Range: 0.00D to +6.00D
    (extendable to +8.00D; plus system optional)
  - Increments: 0.25D steps (refinable to +0.125D steps)
  - Cylinder Axis Adjustment: 360° (double 0-180° scales)
  - Increments: 5° steps

- **Prism Variation**
  - Rotary Prism Range: 20°; each (paired gives 40° in any base direction)
  - Increments: 1° scale graduation

- **Lenses**
  - Standard Cross-Cylinder: ±0.25D
  - Optional Cross-Cylinder: ±0.37D and ±0.50D

- **Auxiliary Lens Dials**
  - O: Open Aperture
  - R: Retinoscopic Lens ±1.50D (+2.00D option)
  - P: Polarizing Filter
  - WMV: Maddox Rod, vertical: white (left), red (right)
  - WMH: Maddox Rod, horizontal: white (left), red (right)
  - GL: Green Lens (left)
  - RL: Red Lens (right)
  - +12: ±0.12D Spherical
  - PH: Pin Hole
  - 10: / 10 Diophter Prism Base In (left)
  - 6: / 6 Diophter Prism Base Up (right)
  - +050: ±0.50D Fixed Cross Cylinder
  - OC: Occluder

- **Distance**
  - Pupil Distance Adjustment: 48.75mm (1mm scale graduation)
  - Corneal Vertex Distance: 13.75mm
  - Reading Distance: 5–28” (plus cm & D Scales)

- **Dimensions and Weight**
  - Dimensions: 335 × 294mm
  - Weight: 4.5kgs

Specifications subject to change without prior notice.
For the ophthalmologist or optometrist that prefers the high precision of a manual sight tester, this all-in-one instrument offers feather-touch controls that simplify near testing measurement.

Mounting Bracket

P.D. Adjuster (48-75mm)

Bi-lens Turret

Cylinder Axis & Power

Cross Cylinder Cell

10 Auxiliary Lenses + 2 Open Apertures

Level

Sphere Power Dial & Corneal Alignment Device

Near Point Card Holder