



Envi Phoropters (MP-125 & MP-135)



The MP-125(Minus Cylinder) and MP-135(Plus Cylinder) manual phoropter with the newly designed reading card light attachment is a cost-effective and quality built manual phoropter from Envi Essential Eyecare Instruments. The reading card light, excellent mechanical feel, and high-quality optics on the Envi manual refractor meets the demands of the eyecare provider while adding innovation to the industry-standard manual phoropter.

Auxiliary Lenses:

- RL: Red lens.
- GL: Green lens.
- OC: Occuluder
- O.Q: Open aperture
- R: Retinoscopic lens;+1.50 diopter spherical lens(for 67cm)
- P: Polarizing filter
- RMV: Red Maddox rod is set vertically.
- RMH: Red Maddox rod is set horizontally.
- WMV: White Maddox rod is set vertically.
- WMH: White Maddox rod is set horizontally.
- +.12;+.12 diopter spherical lens. Spherical power can be set by 0.12 diopter.
- PH: A 1mm diameter pinhole is provided.
- 6 U: 6 diopter base up prism.
- 10I:10 diopter base in prism.
- +-.50: +0.5 diopter cross cylinder with horizontal plus(+) axis.



Reading Card Lights



Range of Measurement:

- P.D.: 48 to 75mm by 1mm step
- Myopia: 0 to -19.00 diopter in 0.25 diopter step
- Hyperopia: 0 to +16.75 diopter in 0.25 diopter step
- Astigmatism: 0 to -6.00 diopter(-8.00 diopter) in 0.25 diopter step
- Phoria and vergency: 20 to 0 to 20 by 1 step; Inner 40; Outer 40(50); Upward and downward 40(46)
- Near vision test: Main optical axes of both lenses converges by means of a tilt mechanism at 40cm in front of the eyes at 64mm P.D. If P.D. for far vision is less then 54mm, converging operation stops.
- Binocular balance test: Rotary prism and polarizing lens methods are available.

Models Available:

- Envi MP-125 (Minus Cylinder)
- Envi MP-135 (Plus Cylinder)