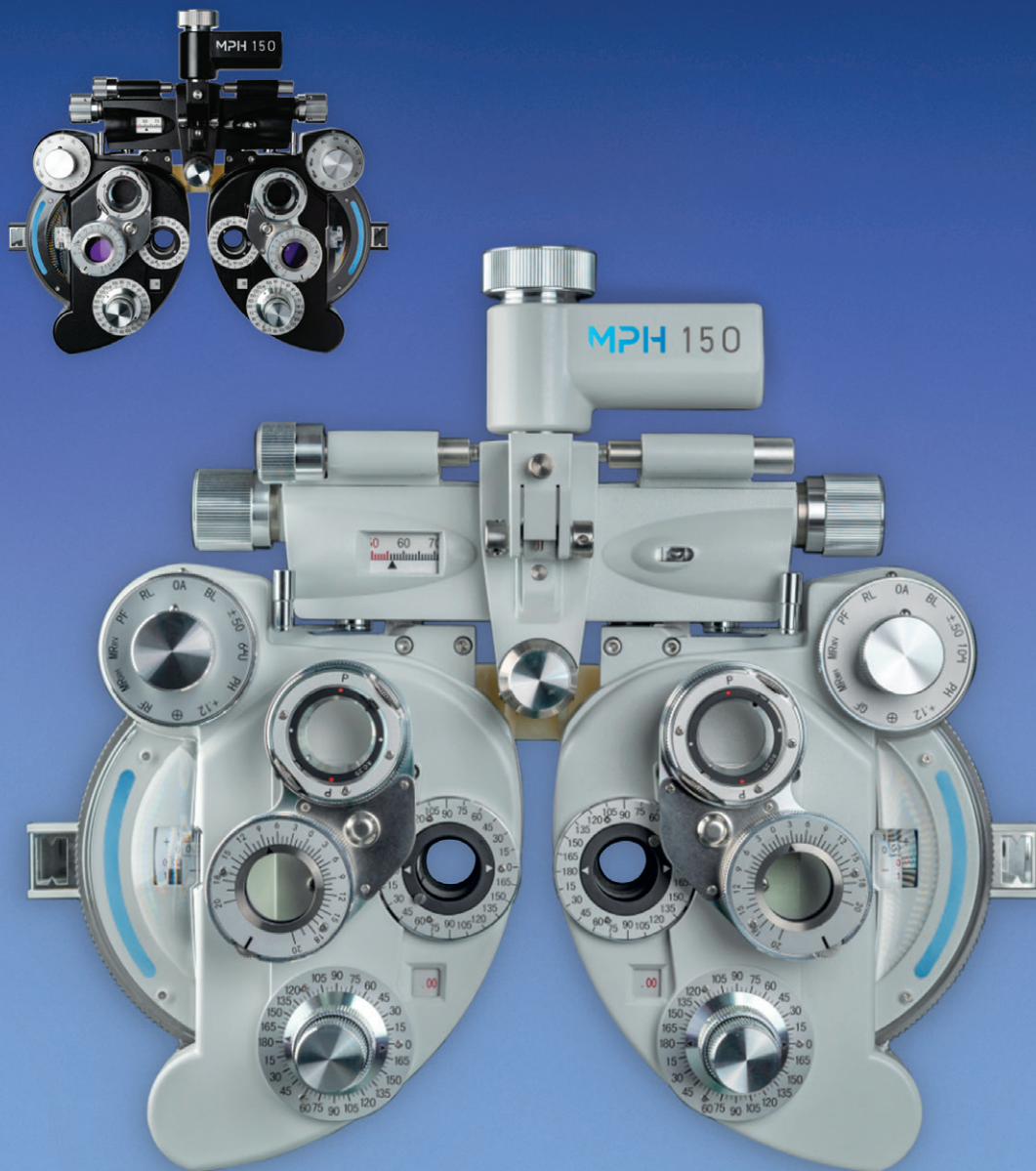


The feel of a well-crafted manual phoropter

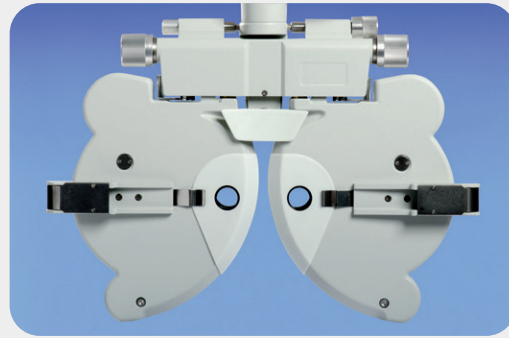


Essential manual
phoropter



MPH 150

is a traditional phoropter incorporating gold-standard features in a reliable build. It is engineered to last and to offer a premium manual feel.



1. Extensive lens & Filter range

Versatile lens and filter selection

Supports a wide range of visual assessments across clinical refraction procedures.

Built-in cross-cylinder and polarization filters

Synchronized cross-cylinder mechanisms for astigmatism testing.

Measurement capabilities

Accommodates various patient profiles with broad sphere, cylinder, and prism ranges.

2. Manual feel and build



Smooth mechanical controls

Delivers tactile adjustments for consistent and intuitive operation.



Resistant metal chassis

Built for daily use with long-lasting mechanical reliability*.

Well-balanced design

The form factor is optimized for ergonomic handling and exam room examination.

3. Flexible configuration options

Black or light gray finish

Blends seamlessly into various clinical environments.

Compatible with standard horizontal mounts

Easily integrates with refraction units or wall-mounted arms.

Available in minus and plus cylinder models**



*The MPH 150 mechanical parts are serviceable to ensure usage consistency over time.

**Plus cylinder version offered in black finish, availability upon local registration.



Technical specifications

Measuring range

Pupillary distance	50 mm - 75 mm (1.0 mm)
Sphere	-19.00 D ~ +16.75 D (0.25 D and 3.00 D)
Cylinder	0 D ~ -8.00 D (0.25 D) with -2.00 D cylinder accessory lenses provided (Plus cylinder version delivered with +2.00 D cylinder accessory lenses*)
Axis	0° - 180° (1° / 5° / 15°)
Prism	0 - 20 Δ (0.1 / 0.5 / 1.0)

Others

Convergence (near-vision)	•
Vertex distance	13.75 mm

Auxiliary lens

Red/green filter	•
Polarizing filter	•
Prism	6 Δ / 10 Δ
Rod Maddox (horiz./vertic.)	Red / White
Lens for retinoscopy	•
Cross cylinder (+0.50 D)	•
Pinhole	•
Occluder	•
Cross	•

Mobile accessories

Cross cylinder	±0.25 D (±0.50 D in option)
Prism	0 - 20 Δ

Dimensions and weight

Dimensions (WxHxD)	(330 - 355) x 300 x 100 mm / (13 - 14) x 11.8 x 3.9 in.
Weight	4.5 kg / 9.9 lbs

*Plus cylinder option is exclusive to the Black MPH 150.



MPH 150-Brochure-EN-V1-Feb2026

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MPH 150 models are EU Class I medical devices intended for Optometry. CE marked. Manufacturer: YEASN. For professional use only, read attentively the instructions for use. As improvements are made, these specifications are not contractually binding and may be modified without prior notice.

