

MPH 100

THE BENCHMARK MANUAL REFRACTOR

The MPH 100 manual refractor is an all-inclusive instrument for those who look for an efficient solution for their refraction room.



MPH 100

MANUAL REFRACTOR

NO AKL: KEMENKES RI AKL 11201811129

-19.00 δ
+16.75 δ

-8.00 δ
+8.00 δ

0,00
20,00

pola



Optometry





- Extensive range of lenses and filters to guarantee quality refractions in far and near vision.
- Tilt mechanism allowing easy optical axes convergence for near vision exam.
- Flexible and qualitative mechanical design.
- Rapid advance of lenses through a simple knob with automatic driving of the discs.
- Easy installation on the self-balancing arm of the column or on a wall-mounted arm.

MEASURING RANGE		AUXILIARY LENS	
Pupillary distance	48mm ~ 75mm (1.0mm)	Red/green filter	•
Sphere	- 19.00D ~ + 16.75D (0.25D and 3.00D)	Polarizing filter	•
Cylinder	0D ~ -8.00D (0.25D)*	Prism	6Δ / 10Δ
Axis	0° ~ 180° (1° / 5° / 15°)	Red Maddox (Horiz./vertic.)	Red / white
Prism	0 ~ 20 Δ (0.1 Δ / 0.5 Δ / 1.0 Δ)	Lens for retinoscopy	•
CONVERGENCE (NEAR-VISION)	•	Cross cylinder (+0.50D)	•
VERTEX DISTANCE	13.75mm	Pinhole	•
MOBILE ACCESSORIES		Occluder	•
Cross cylinder	± 0.25D (± 0.50D in option)	DIMENSIONS AND WEIGHT	
Prism	0 to 20 Δ	Max	350(W) x 292(H) x 99(D)mm - 5.0kg
* With additional lenses		CE Conformity marking	

PRODUCT FUNCTIONS



Measurement range - sphere and cylinder



Measurement range - prism



Cross cylinder



Linear polarisation



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