

Specifications



MEASUREMENT RANGE

Spherical power	-19.00 to +16.75 D (0.12, 0.25 D steps)
Cylindrical power	0.00 to -6.00 D (0.12, 0.25 D steps) 0.00 to -8.00 D (when additional lens is used)
Cylindrical axis	0° to 180°
Prism	0 to 20 Δ (1 Δ step)
PD	50 to 80 mm

REFRACTOR HEAD

Auxiliary lenses	Occluder, pinhole, red/green filter, polarising filter (45°/135°), fixed cross-cylinder lens (±0.50 D), red/white Maddox rod vertical/horizontal, prism (6, 10 Δ I, U), +0.12 D lens
Cross-cylinder	±0.25 D
Add. lens set	2x cylinder lenses -0.12 D, -2.00 D
Retinoscopy	+2.00 D for 50 cm
Effective field of view	18.5 mm

DIMENSIONS

Dimensions WDH	340 × 110 × 310 mm
Weight	4.8 kg

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2023/03 - subject to change without notice



TMP-800

Manual Phoropter



You + eye.
We care.

TMP-800 Manual Phoropter

The TMP-800's mechanics and lenses are of high quality. Standard accessory lenses as well as prism and cross-cylinder lenses complete the manual phoropter package. It's perfect for reliably performing traditional refraction exams.



"I SIMPLY ENJOY OPERATING A PRECISE MECHANICAL PHOROPTER: IT GIVES ME CONFIDENCE THAT I'M DETERMINING THE CORRECT PRESCRIPTION."

Pia Bruchner

PRODUCT MANAGER,
OPHTHALMIC OPTICS & OPTOMETRY



+ Individual adjustment

Thanks to the option to individually adjust pupil and vertex distance, the phoropter helps you achieve the ideal customised results.

+ Multi-coated lenses

The multi-coated lenses allow for clear vision throughout the refraction process.

+ Variety of lenses

Cross-cylinder lenses, prism lenses, and a variety of accessory lenses optimally support the examiner in any situation.

+ High-quality mechanics

The high quality of all mechanics is evident in the smooth movement of the knobs and the solid click with every lens change.

+ Near-vision equipment

A near-vision chart including a rod comes with every TMP-800. In conjunction with the convergence system, the TMP-800 is ideally equipped for near-vision examinations.

