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 ∆ (1 ∆ 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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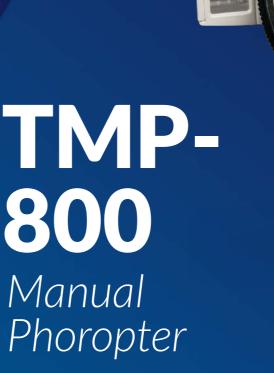
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TOMEY GmbH is the European headquarters of TOMEY Corporation, 2-11-33 Noritakeshinmachi Nishi-Ku,











You + eye. We care.



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

Dia Bruchner

PRODUCT MANAGER,
OPHTHALMIC OPTICS & OPTOMETRY

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.



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.

