

# MANUAL PHOROPTER

## TOMEY PHOROPTER TMP-1000

- Coated lenses
- High quality
- Fast and precise
- Smooth handling
- Wide testing range
- Near vision test





# QUALITY IN DETAIL

*The Tomey ergonomic manual phoropter*

## > **Very smooth dialling**

The high quality mechanical parts ensure the smooth dialling of all control knobs and wheels. The different test lenses engage exactly into the relevant fit.

## > **Wide testing range**

The TMP-1000 provides you an extremely wide range of eye examinations. Spherical, cylindrical and different prismatic tests for both - far and near vision are integrated.

## > **Patient adaption**

Individual adjustment for pupil distance, inclination, vertex distance and convergence (near test) allow the exact fit of the TMP-1000 to the patients ergonomic characteristics.

## > **High quality**

All refractive lenses of the TMP-1000 are multi-coated for optimised patients and examiners comfort. Also the components are manufactured of high quality metal. For weight reduction many mechanical parts are made of aluminium.



## SPECIFICATIONS

Spherical range . . . +16.75 D to -19.00 D  
in 0.25 D step

Cylinder range . . . 0 to -6.00 D in 0.25 D step

Cylinder axis . . . 0 to 180° in 5° step

Cross cylinder . . . ±0.25 D

Rotary prism . . . 0 to 20 Δ in 1 Δ step

PD settings . . . 48 to 80 mm in 1 mm step /  
convergence 57 mm to 80 mm

Add. standard lenses -0.12 D and  
-2.00 D cylinder lenses

### Auxiliary lenses

O Open Aperture

OC Occluder

R Retinoscopy lens +2.00 D / 50 cm

RMH red Maddox horizontal

RMV red Maddox vertical

WHH white Maddox horizontal

WMV white Maddox vertical

RL/GL red filter (right eye), green filter (left eye)

Polarisation filters 35°/145°

PH pinhole lens

Fixed cross cylinder ±0.25 D

Separation prism 6 Δ BU (right eye)

10 Δ BI (left eye)

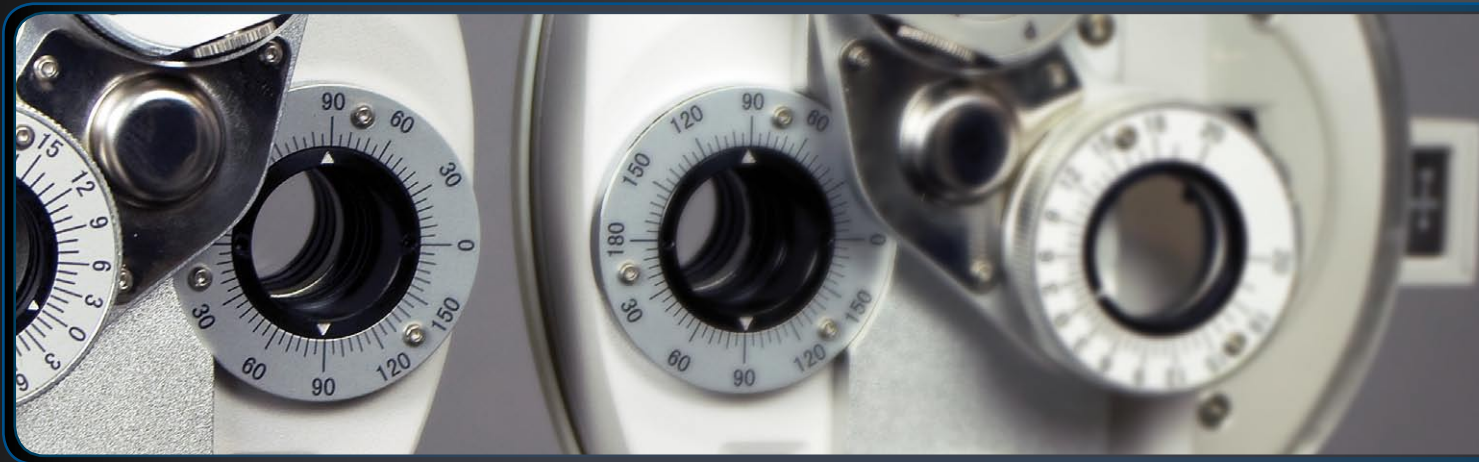
0.12 D spherical lens (right and left eye)

Dimensions WDH . . . 318 x 90 x 315 cm

Weight . . . . . 5 kg

### Near vision

testing rod . . . . . 10 to 65 cm,  
4 to 26 inch,  
10 to 1.50 D



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