## **REFRACTION SYSTEM TAP-2000/TCP-2002**

AUTOMATED PHOROPTER

TAP-2000

**AUTOMATED PHOROPTER & CHART PROJECTOF** 

# DELIGHT IN SIGHT

6

12 CUK

The perfectly matched duo for allround applications.

- Easy and fast operation via touch screen
- Equipped with all standard refraction tests
- Communication with chart monitors TCP-2000A/P, TCP-3000P/PX
- Different cross-cylinder + accurate rotary prism
- Data display with high contrast LCD + integrated printer



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**TOMEY** 

### THE TOMEY **TAP-2000 / TCP-2002 REFRACTION SYSTEM**



## **QUALITY IN DETAIL**

#### **DATA TRANSFER**

Transfer the objective data from the Tomey lensmeter and autorefractors to the TAP-2000 and the subjective data to a local PC.





#### **EASY OPERATION**

The Tomey refraction system is operated by one control keyboard simply be performed

by an electronic dial. Due to the coloured keyboard, the intuitive touch screen and the integrated printer, the operation is very easy and effective.

#### **SPECIFICATIONS**

MEASUREMENT RANGE	
Spherical power	-29.00 ~ +26.75 D
	(0.12/0.25 D/1.00 D/2.00 D/3.00 D STEP)
Cylinder power	0.00 ~ ±8.75 D
	(0.25 D / 1.00 D / 2.00 / 3.00 D STEP)
Cylinder axis	0 ~ 180° (1° / 5° / 15° STEP)
PD	48 to 80 mm (far), 50 to 74 mm (near)
Prism	0 to 20 △ (0.1 / 0.5 / 2.0 △ STEP)
REFRACTOR HEAD	
Auxiliary lens	Occluder, Pinhole (Ø 2 mm), Red /green
	filter, Polarising filter, Fixed cross cylinder
	lens ( $\pm 0.50$ D), Red Maddox rod, Dissociation prism (3, 6, 10 $\triangle$ )
Cross cylinder	$\pm 0.25D, \pm 0.50D, \pm 0.25D$ auto
Retinoscopy Visual field	+1.50 D (67 cm), +2.00 D (50 cm)
	40° (VD=12 mm), 39° (VD=14 mm)
Level adjustment	±2.5°
PD adjustment	monocular / binocular
NEAR VISION	
Working distance	35 to 70 cm (5 cm STEP)
Near point chart illumination	LED
CHART PROJECTOR	
Chart change time	0.2 sec
Chart magnification	30x
Different charts	42
Projection distance	2.5 to 8 m
Illumination type	LED
DIMENSIONS & ELECTRIC REQUIREMENTS	
Dheventer head	
Phoropter head	410
Dimensions WDH	410 x 65 x 320 mm
Weight	approx. 4.0 kg
Phoropter arm holder	Ø 21 mm ±0.5 mm
Controller	
Display	Colour TFT-LCD 10.4" touch panel
Printer	Built-in thermal
Dimensions WDH	230 x 235 x 65 mm
Weight	approx. 3.3 kg
Input	AC 110~220V (±10%)
Power consumption	220-270 VA
Projector	
Dimensions WDH	202 x 364 x 172 mm
Weight	approx. 4.7 kg
Input	арргох. 4.7 ку AC 100~240V
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Power consumption	60 VA





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