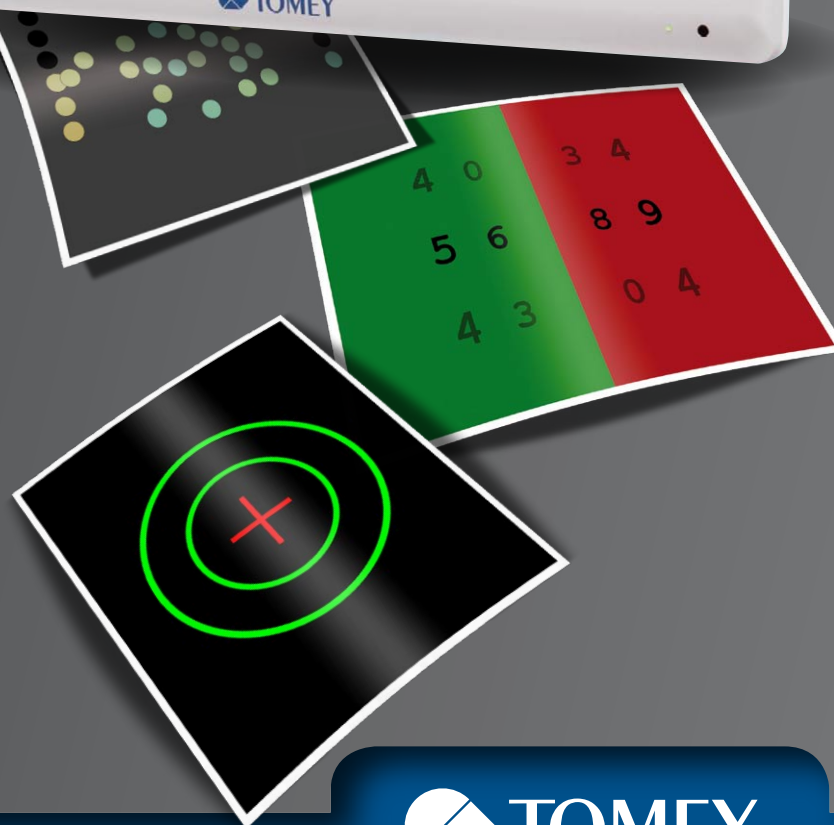


# POLARISING CHART PANEL

TCP-3000P / TCP-3000PX

- Extensive polarising test chart selection
- High quality 22" LCD
- Integrated computer
- Multilingual user interface
- Colour vision test chart
- Programmable display sequences
- Printable test reports
- Multi media tool





## > TCP-3000PX

When it comes to correction of associated Heterophoria the TCP-3000PX provides the complete and latest standard of a chart displaying monitor - not even because of its brilliant separation for right and left eye. The TCP-3000PX fulfills all essential requirements for a perfect performance.

- Special test sequence (MKH)
- Adequate large test field frame for non fixation impulse
- Direct or mirrored display
- Tests presented with sufficient contrast



## QUALITY IN DETAIL

### > Latest technology

The polarising chart panels TCP-3000P and TCP-3000PX describe the modern way of displaying optotypes for refraction tests. Unlike a common chart projector the units offer an unlimited number of test charts due to the programmable built in computer. Of course all charts, necessary for conventional refractive tests, are already pre-programmed. The randomised display of charts is also an option. In addition to those you will appreciate several colour vision tests like Ishihara or 100 HUE as well as the various displays to quantify your patients contrast sensitivity. Furthermore you will find ETDRS chart, HOTV test, Fixation Disparity test and AMD optotypes. For patient education you can show and create various pictures and animations. The test report function allows to create and print individual reports. The display of Landolt rings is according to DIN 58220-3 and DIN EN ISO 8596.

## SPECIFICATIONS

### Measurement range

Auto-off function	Adjustable from 4 to 240 minutes
Visus units	Snellen decimal, LogMar, Snellen m. (6/), Snellen ft. (20/)
Distance units	Feet or meter
Display	22"
Classification	Class I
Remote control	Included (3 channels adjustable)
Battery type	AAA LR6
Refractor connectability	TAP-1000 via IR sensor (CommBox)
Binocular vision test	Polarised charts (linear Pol.) red-green

### Available charts and tests

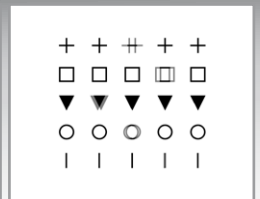
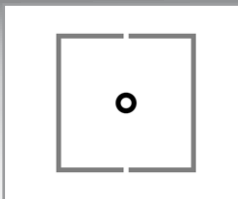
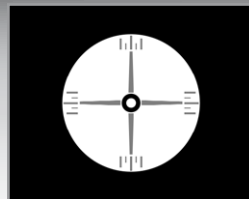
Polarising	ETDRS pol. mask, Phoria test, Snellen pol. mask, coincidence h/v, balance, stereo test, TNO, pol. 3D, pol. red-green
Standard	Snellen, Landolt (ISO), letters, numbers, characters
Colour vision	Ishihara, 100 HUE
Red-green	Schober, worth, bichrom-balance, fixation disparity, Coincidence h/v
Low vision	ETDRS, crowding bars, AMD-optotypes, amsler
Contrast	contrast-sensitivity, contrast-adjustment
Children	HOTV, hands, pictures, symbols, animations
Extra	Hearing/speaking impaired, patient education, 3D images

### Dimensions & electric requirements TCP-3000P

Dimensions WDH	520 x 120 x 350 mm (incl. wall mount)
Weight	6 kg
Power supply	AC 115 V to 230 V
Frequency	50/60 Hz
Power consumption	Less than 70 VA

### Dimensions & electric requirements TCP-3000PX

Dimensions WDH	740 x 65 x 560 mm (incl. frame)
Weight	8 kg
Power supply	AC 115 V to 230 V
Frequency	50/60 Hz
Power consumption	Less than 70 VA



Polarised Test Charts (samples)

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 **TOMEY**  
TECHNOLOGY AND VISION