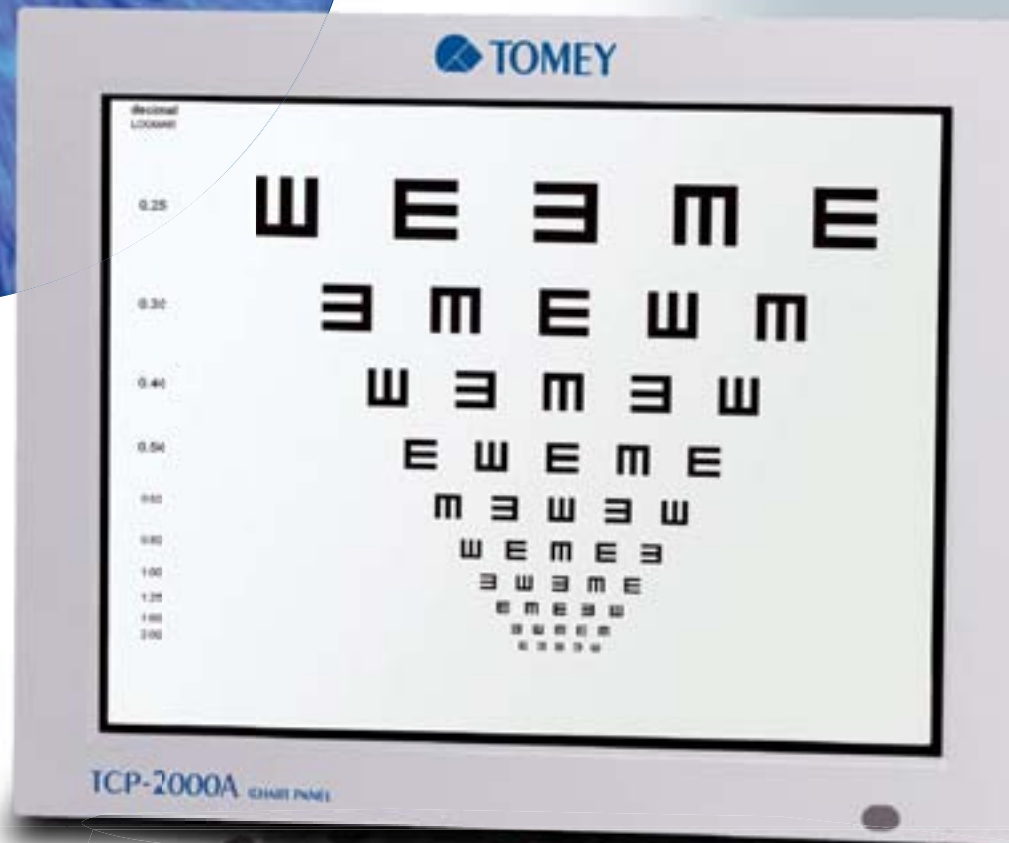
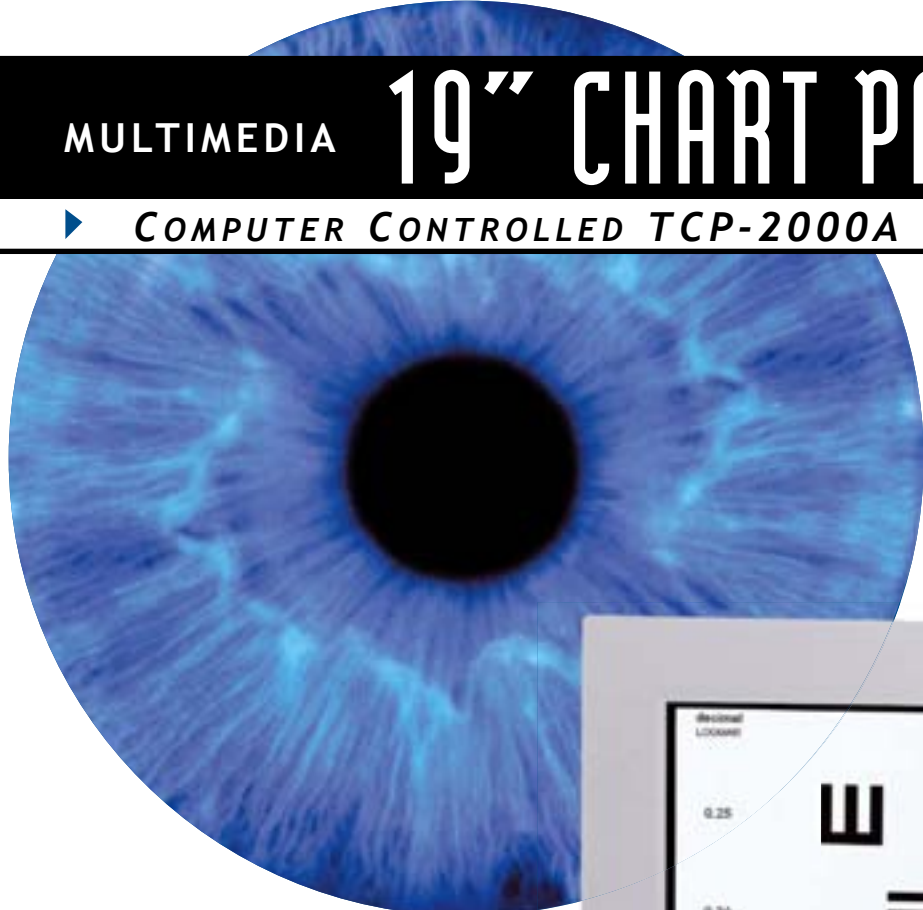


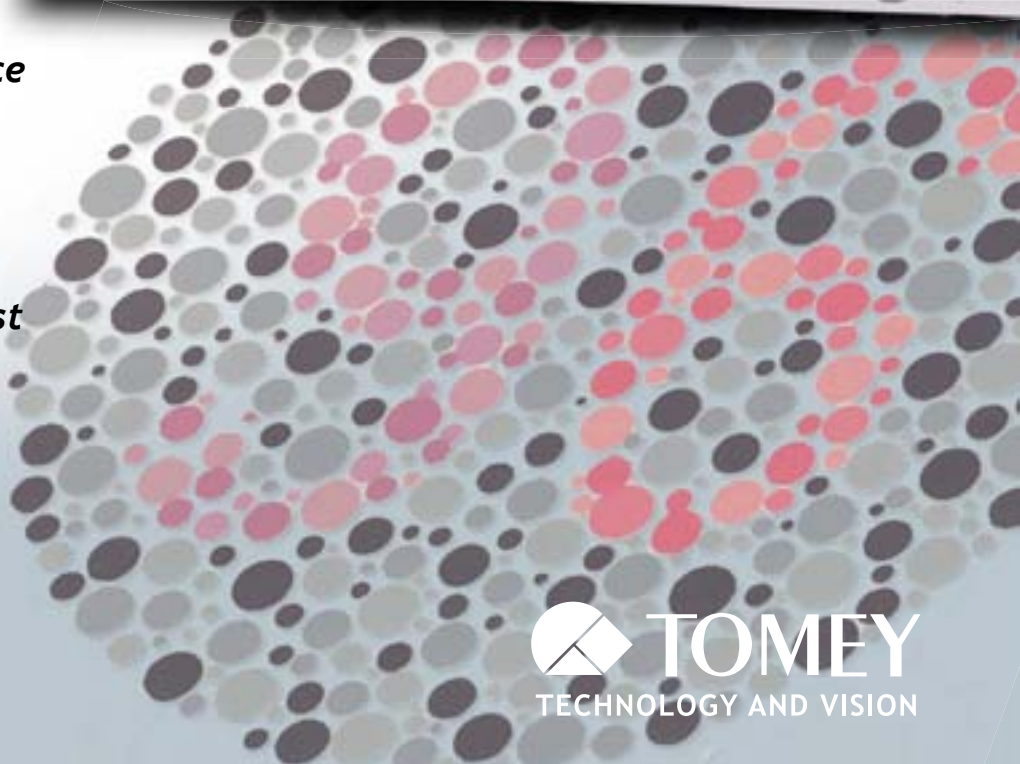
MULTIMEDIA

# 19" CHART PANEL

▶ COMPUTER CONTROLLED TCP-2000A



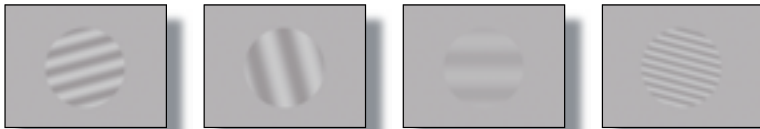
- *Programmable Display Sequences*
- *Unlimited Number of Charts*
- *Colour Vision Test Charts*
- *Adjustable Test-Distance*
- *Multimedia Tool*
- *Contrast Sensitivity Test*
- *Individual Test Report Function*



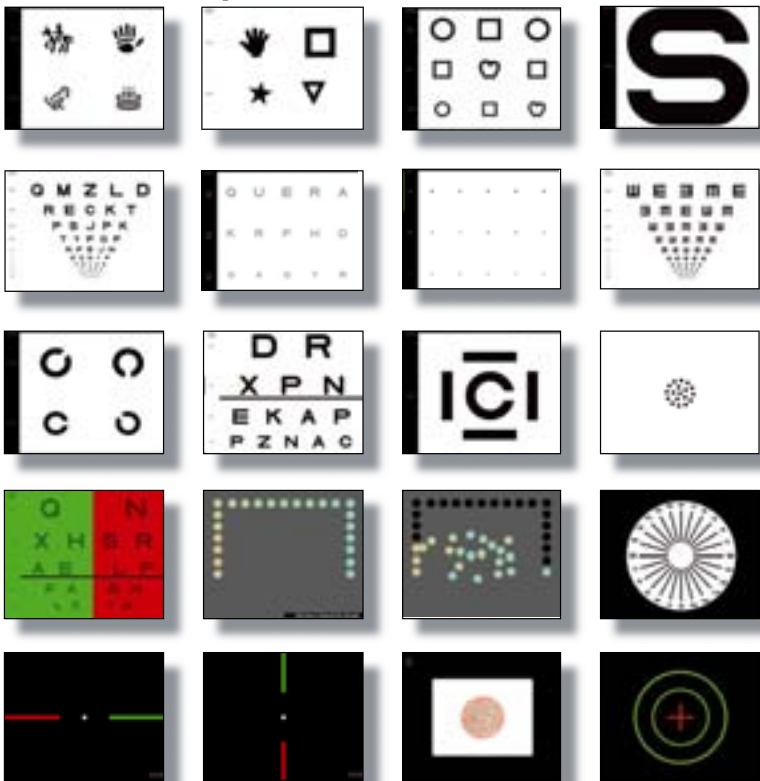
## Up to Date Technology

The TOMEY Chart Panel TCP-2000A describes the modern way of displaying optotypes for refraction tests. Unlike a common chart projector the unit offers 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. You can display different optotypes for left or right eye and the systems red/green display can be adjusted to match with almost any red/green filters in the eye care industry. You can easily adapt the chart sizes according to your individual test distance. This distance might vary between 2.0 - 7.0 m (step 0.1m). For patient education you can show and create various pictures and animations. The test report function allows you to create individual reports and print them.

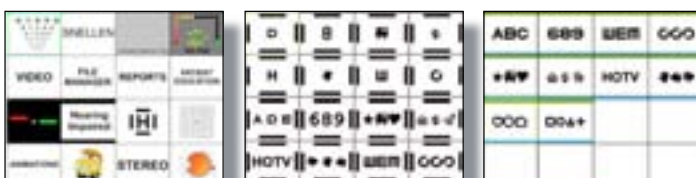
## Contrast Sensitivity Test Charts (Samples)



## Chart Examples



## Self Explanatory Menu



## SPECIFICATIONS

|                                    |   |
|------------------------------------|---|
| <b>Auto-Off Function</b>           | Adjustable from 60 to 240 minutes                         |
| <b>Visus Units</b>                 | Snellen decimal, LogMar, Snellen m.(6/), Snellen ft.(20/) |
| <b>Distance Units</b>              | Feet or meter   |
| <b>CP Type</b>                     | TCP-2000A   |
| <b>Display</b>                     | 19"   |
| <b>Classification</b>              | Class I   |
| <b>Operating Temperature Range</b> | +5 °C to + 40 °C  |
| <b>Storage Temperature Range</b>   | 0 °C to + 40 °C   |
| <b>Air Pressure</b>                | 860 to 1060 hPa.  |
| <b>Relative Humidity</b>           | 90 % max., without condensation (operation and storage)   |
| <b>No Application Part</b>         |   |
| <b>IR Remote Battery Type</b>      | AAA LR6   |

## Dimensions & Electric Requirements

|                          |                    |
|--------------------------|--------------------|
| <b>Dimensions WDH</b>    | 443 x 122 x 368 mm |
| <b>Weight</b>            | Approx. 6 kg       |
| <b>Power Supply</b>      | AC 115 V to 230 V  |
| <b>Frequency</b>         | 50/60 Hz           |
| <b>Power Consumption</b> | Less than 65 VA    |

## Available Charts and Tests

|                      |  |
|----------------------|--|
| <b>Standard</b>      | Snellen, Landolt, Letters, Numbers, Characters                       |
| <b>Colour Vision</b> | Ishihara, 100 HUE  |
| <b>Red-Green</b>     | Schober, Worth, Bichrom-Balance, Fixation Disparity, Coincidence h/v |
| <b>Low Vision</b>    | ETDRS, Crowding Bars, AMD-Optotypes, Amsler                          |
| <b>Contrast</b>      | Contrast-Sensitivity, Contrast-Adjustment                            |
| <b>Children</b>      | HOTV, Hands, Pictures, Symbols, Animations                           |
| <b>Extra</b>         | Hearing/Speaking Impaired, Patient Education, 3D Images              |

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TECHNOLOGY AND VISION