Multimedia Display Tester 3298/3298F

Light Measurement Data Management Software

YOKOGAWA ◆

Measurement

Data transfer

This light measurement data management software downloads measurements from a multimedia display tester 3298/3298F to a PC and displays data tables, chromaticity diagrams, deviation charts, and trend graphs. The program can also read data stored in the display tester's memory.

Features

- The program can be used to display data for each measurement parameter in table format, and save the data to text files.
- A graphing function provides easy-to-understand graphical displays of luminance and chromaticity measurements according to the particular management application.
- Diagrams such as chromaticity diagrams can be copied and pasted to other Windows programs using the Windows clipboard.
- Diagrams such as chromaticity diagrams can be printed out as hard copies.
- Setting parameters can be saved to files.
- Memory data can be loaded into tables.

● Data Tables (Measurement Data)

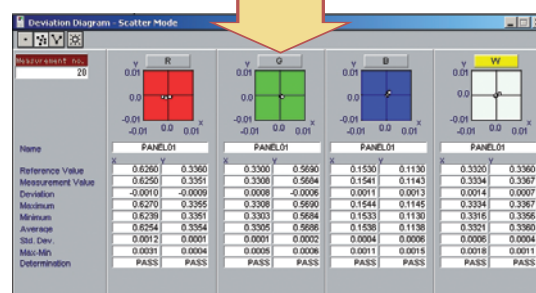**<Luminance, contrast, flicker, and chromaticity measurements>**
- In the data table format, sequence numbers and values for each measurement parameter are displayed.
- Chromaticity values are shown in the specified table color system.
- Data in these tables can be saved to text files.

● Deviation Charts

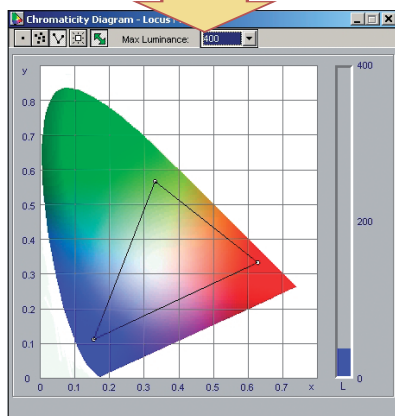**<Chromaticity measurements only>**
- In the deviation chart format, deviations are shown with respect to up to six preset reference colors.
- One of the following table color systems may be selected when setting the measurement conditions: x, y/u', v'.
- Reference colors may be input numerically or through measurements.
- The graphical part of the deviation chart can be copied to the clipboard as a bitmap.

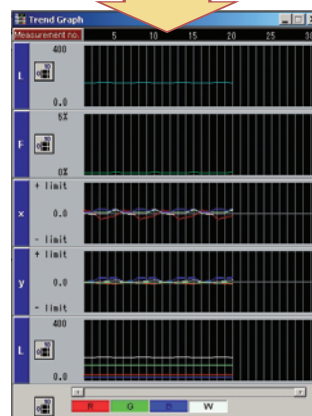## ● Chromaticity Diagram

<Chromaticity measurements only>

- One of the following table color systems may be selected when setting the measurement conditions: x, y/u', v'.
- Luminance is shown in a bar graph. The luminance scale values can be changed.
- The graphical part of the chromaticity diagram can be copied to the clipboard as a bitmap.
- The screen size of the chromaticity diagram can be switched between two different sizes.

● Trend Graphs

<Luminance, flicker, and chromaticity measurements>

- The trend graph format displays changes in chromaticity coordinate values and luminance values. The number of measurements is shown on the horizontal axis.
- The following three measurement parameters can be selected: luminance, flicker, and chromaticity.
- The graphical part of the trend graph can be copied to the clipboard as a bitmap.

■ Specification overview

Functions

- **Data table (measurement data)**
  Displays data for each measurement parameter in table format. Any of the available parameters can be selected for display.
- **Trend graph**
  Displays trends for luminance, flicker, and chromaticity. The number of measurements is shown on the horizontal axis.
- **Chromaticity diagram**
  Displays chromaticity measurements (x, y/u', v' table color system) in graph format. The screen size of the chromaticity diagram can be switched between two different sizes. Three different plot modes are available: refresh, trace, and scatter.
- **Deviation chart**
  Up to six reference colors can be set for chromaticity measurements. Reference colors can be input numerically or through measurements.
  Three different plot modes are available: refresh, trace, and scatter.
- **Surface distribution graph**
  Displays deviations for chromaticity according to position (color irregularity).
- The graphical part of any graph or chart can be copied to the clipboard as a bitmap.
- The graphical part of any graph or chart can be printed.
- **File saving**
  Information shown in a data table can be saved in text format.
- **Settings**
  Various coefficients can be set (color calibration coefficient, etc.).
- **Memory data**
  Specified parameters in memory can be displayed in data tables.

System Specifications

PC: PC with a Pentium 133 MHz or faster and at least 32 MB RAM, running Windows 98/NT/2000. The PC should have a serial port conforming to the RS-232 standard.

Screen: 640×480 resolution, 256 or more colors (65,000 or more colors recommended).

Multimedia Display Tester:
  3298F (model: 329802) ROM Version 1.00 or later
  3298 (model: 329801) ROM Version 1.05 or later

Model Number and Suffix Codes

Model	Suffix Code	Description List
329831		Software and user's manual
	-E	English version
	-J	Japanese version

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┌─ NOTICE ─────────────────────────────
● Before operating the product, read the instruction manual thoroughly for proper and safe operation.
● If this product is for use with a system requiring safeguards that directly involve personnel safety, please contact the Yokogawa sales offices.
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