Handy STYLED Spectrometer

Colo-Meter

Colometer

Irradiance Probe

This unique styled spectrometer, is capable to carry it out for field application in Outside easily. It makes the various uses in the various measurement applications.
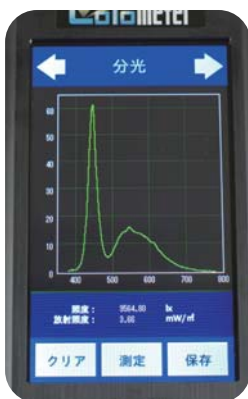
Main Function

- " Touch Panel" Operation
- Synchronization via eternal triggering

- Spectral irradiance measurement using the optional irradiance probe
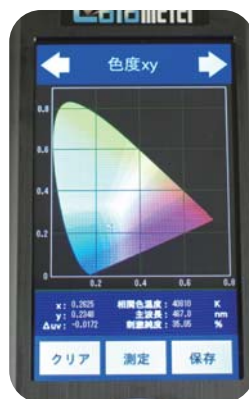- SMA connection with any light guides

Example of use

- Spectral irradiance measurement and Color measurement for lighting equipment where Located in indoor and outdoor

- Biological measurement and Environmental measurement in the open air

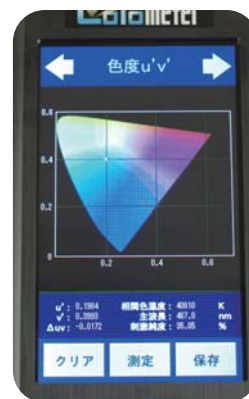- Luminance and Color measurement for the displays

Image of Screen
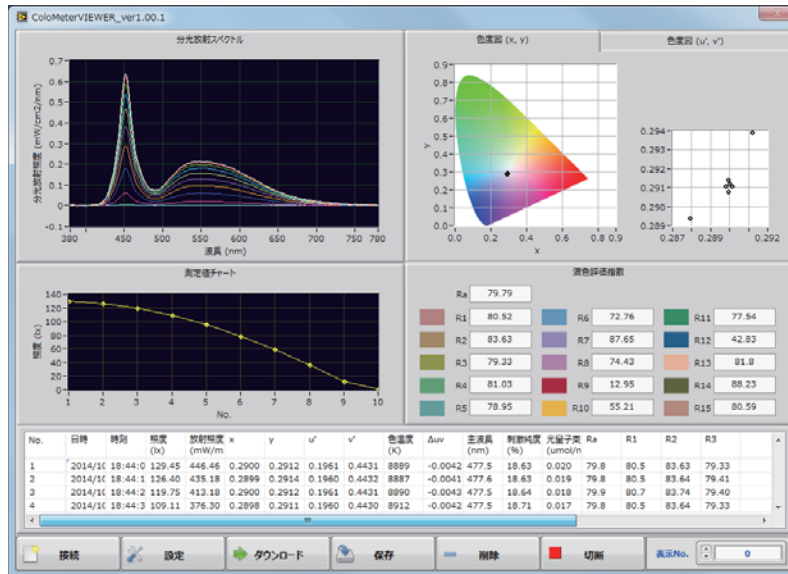

Spectrum

Chromaticity (xy)

Chromaticity (uv)

Colour Rendering

> The unit of Colo-Meter can be connected with PC,
> then the measured data can be wired And saved on "Colo-Meter" software.

- ■ The main function includes "Saving and Delating the data", "Showing the data", and "Internal clock synchronization via PC clock".

- ■ The OS must be after Windows® XP.

Specification ▪▪▪▪▪

Detector	3000pixel CCD linear array sensor
Wavelength Range	380nm - 780nm
FWHM	<5.5 - 10nm
Integration Time @min	1ms
Optical Input	SMA905
Interface	USB2.0
USB Connector	mini-B
Display	4.3 inch (diagonal) LCD touch panel, Static Electricity
External Trigger	Input x 1, Output x 1
Power Supply	Internal Battery (rechargeable) or DC12V, 1A
Battery Run Time	about 1.5 hours
Size & Weight	95mm (W) x 146mm (H) x 40mm (D) (includes Irradiance Probe), 531g
Accessories	Irradiance Probe, Device Driver Install CD-R, AC adapter USB Cable
Measurement Menu	Luminance (lx)、Chromaticity (xy, uv)、Tristimulus Values (XYZ)、Correlated Colour Temperature (K)、Dominant Wavelength (nm)、Colour Rendering

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