

Spectrophotometer

# MYIRO-1

Advanced color management with simple operation.  
Introducing a next-generation color management tool.



**Wireless connection for greater flexibility**

Wireless connection untethers you for improved handling and stress-free measurements and data transfer.

**Data under multiple conditions from just one scan**

A single scan can provide data under M0, M1, and M2 or other illumination conditions for improved adjustment efficiency.

**Helps improve printing quality**

Helps improve color reproduction quality to contribute to acquiring high added value printing work.

Innovative, user-friendly & accurate



Increases the efficiency of day-to-day printer color adjustment by allowing you to take measurements where you want to, such as right where the printed materials come out.

## Print



Get the best colour quality out of your printing machine with MYIRO-1.

## Scan



The calibration cap can be stored under the instrument when taking measurements.

## Automatic data transfer



Data can be transferred wirelessly to a computer. Separate software required.

## Main Specifications

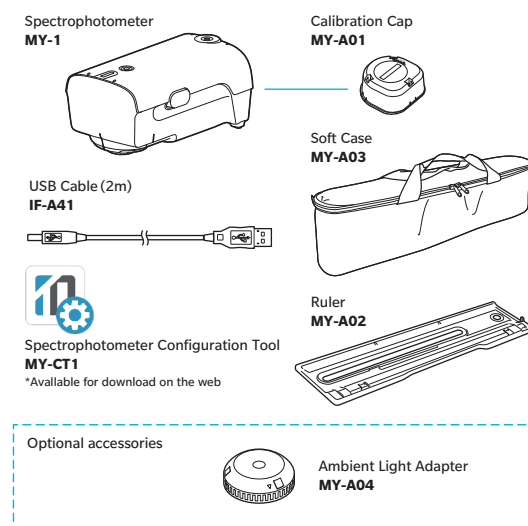
Spectrophotometer MYIRO-1	
<b>Model</b>	MY-1
<b>Illumination/ viewing system</b>	45°a: 0°(annular illumination)*1 Conforms to CIE No. 15, ISO 13655, DIN5033 Teil 7, ASTM E 1164, and JIS Z 8722 Condition a for reflectance measurements.
<b>Spectral separation device</b>	Concave grating
<b>Wavelength range</b>	Spectral reflectance: 380 to 730 nm; Spectral irradiance: 360 to 730 nm
<b>Wavelength pitch</b>	10 nm
<b>Half bandwidth</b>	Approx. 10 nm
<b>Measurement area</b>	ø3.5 mm
<b>Light source</b>	LED
<b>Measurement range</b>	Density: 0.0D to 2.5D; Reflectance: 0 to 150%
<b>Repeatability</b>	Colorimetric: Within $\Delta E_{00}$ 0.05 (When white plate is measured 30 times at 10-second intervals after white calibration has been performed)
<b>Inter-instrument agreement</b>	Within $\Delta E_{00}$ 0.3 (Average of 12 BCRA Series II color tiles compared to values measured with a master body under manufacturer's standard conditions)
<b>Measurement time (single-point measurement)</b>	Approx. 1s
<b>Measurement conditions*2</b>	M0 (CIE Illuminant A), M1 (CIE Illuminant D50), M2 (illumination with UV-cut), User-defined illuminant
<b>Observers</b>	2° Standard Observer, 10° Standard observer
<b>Status indicator</b>	LED to indicate instrument status
<b>Interface</b>	Wireless LAN (802.11 b/g/n)*3; USB2.0
<b>Scanning measurements</b>	Scanning measurement of a color chart can be performed. (Values under all illumination conditions can be obtained with single scan)
<b>Power</b>	USB bus power; Rechargeable internal battery
<b>Dimensions (W×D×H)</b>	73 mm × 171 mm × 71 mm
<b>Weight</b>	Approx. 340 g
<b>Operating temperature / humidity range</b>	10 to 35°C, 30 to 85% relative humidity with no condensation
<b>Storage temperature / humidity range</b>	0 to 45°C, 0 to 85% relative humidity with no condensation

\*1 Illumination for wavelengths under 400 nm is unidirectional.

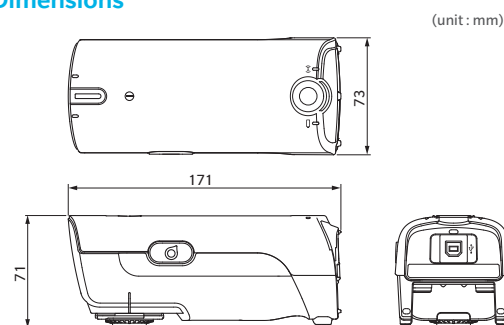
\*2 M0, M1, M2: Illumination conditions defined in ISO 13655 4.2.2 Illumination requirements and measurement.

\*3 This instrument is compatible with WPA2-PSK (WPA2-Personal).

## Diagramme Système



## Dimensions



- Displays shown are for illustration purpose only.
- The specifications and drawings given here are subject to change without prior notice.