

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 from the computer 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 illumination conditions or other user-defined conditions* to improve printer operating efficiency.

* Separate software required.

Helps improve printing quality

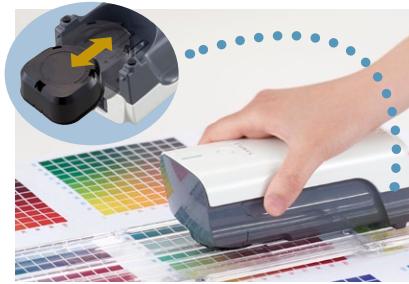
Helps improve color reproduction quality to contribute to acquiring high added value printing work.

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.

1 Print



2 Scan



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

3 Data transfer



Data can be transferred wirelessly to a computer.

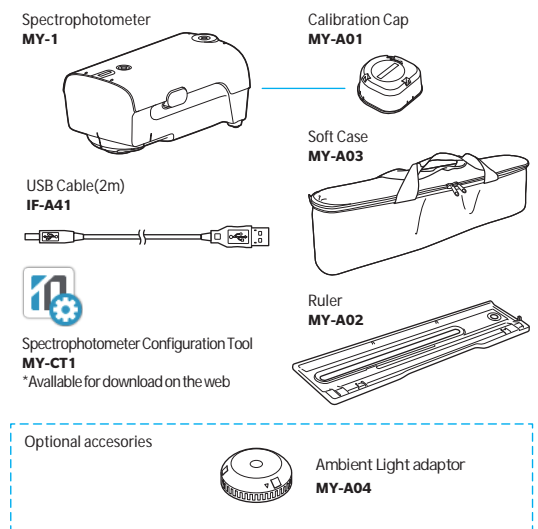
Main specifications

Model	Spectrophotometer MYIRO-1 MY-1
Illumination/ viewing system	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.
Spectral separation device	Concave grating
Wavelength range	Spectral reflectance: 380 to 730 nm; Spectral irradiance: 360 to 730 nm
Wavelength pitch	10 nm
Half bandwidth	Approx. 10 nm
Measurement area	3.5 mm
Light source	LED
Measurement range	Density: 0.0D to 2.5D; Reflectance: 0 to 150% Colorimetric: Within σ E00 0.05
Short-term repeatability	(When white plate is measured 30 times at 10-second intervals after white calibration has been performed)
Inter-instrument agreement	Within E00 0.3 (Average of 12 BCRA Series II color tiles compared to values measured with a master body under manufacturer's standard conditions)
Measurement time (single-point measurement)	Approx. 1s
Measurement conditions *2	M0 (CIE Illuminant A), M1 (CIE Illuminant D50), M2 (illumination with UV-cut), User-defined illuminant
Observers	2° Standard Observer, 10° Standard observer
Status indicator	LED to indicate instrument status
Interface	Wireless LAN (802.11 b/g/n); USB2.0
Scanning measurements	Scanning measurement of a color chart can be performed. (Values under all illumination conditions can be obtained with single scan)
Power	USB bus power; Rechargeable internal battery
Dimensions (WxDxH)	171 mm x 73 mm x 71 mm
Weight	Approx. 340 g
Operating temperature / humidity range	10 to 35°C, 30 to 85% relative humidity with no condensation
Storage temperature / humidity range	0 to 45°C, 0 to 85% relative humidity with no condensation

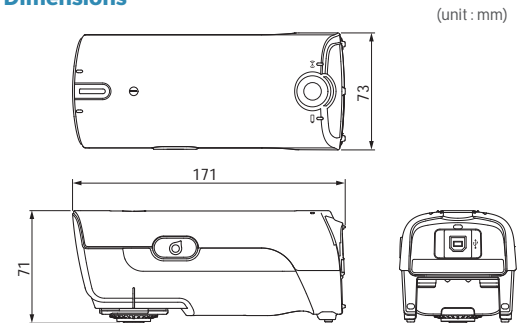
*1 Illumination for wavelengths under 400 nm is unidirectional.

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

System Diagram



Dimensions



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

For additional information, please visit:

<https://www.myro.com>

SAFETY PRECAUTIONS



For correct use and for your safety, be sure to read the instruction manual before using the instrument.

- Always connect the instrument to the specified power supply voltage.
Improper connection may cause a fire or electric shock.

- Sales contact: