



# MIRAGE



Spectrophotometer- Color Analyzer **PMG-001**

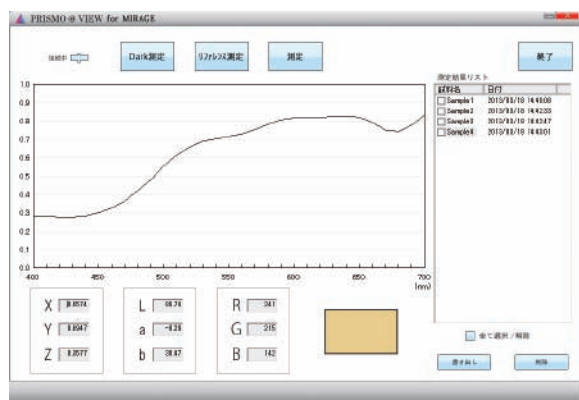
PRISMO MIRAGE is a "Compact & Easy operation" color measuring instrument.  
It is available Anytime, Anywhere and for Anybody.



■ Simple Push & Jog shuttle operation !



■ PRISMO@VIEW for MIRAGE ( iPhone Application )



■ PRISMO@VIEW for MIRAGE ( Windows PC Software )



■ Downloads ( APP Store )

#### ■ Specifications

Model	PMG-001
Illumination/viewing system	Conforms to spectral reflectance JIS Z 8722 ,Geometrical Condition A ( 45° illumination,Vertical viewing angle )
Observer condition	CIE:10° standard observer
Illuminant condition	D65
Light source	LED
Detector	CMOS linear image sensors
Monochromator	Blazed grating
Wavelength range	340 nm to 750 nm ( 256-element )
Half bandwidth	Approx. 12nm
Measurement time	Approx. 0.5 second ( Averaging 8 measurements )
Battery performance	With alkaline dry batteries: Approx.2000 measurements ( 3-second intervals )
Measurement area	4.0 mm $\Phi$
Wavelength pitch for color value calculation	10nm
Repeatability	Chromaticity value: Standard deviation within $\Delta E^*ab$ 0.5 ( When a white calibration plate is measured 10 times at 10-second intervals )
Inter-instrument agreement	Within $\Delta E^*ab$ 1.0 ( Based on 24 color tiles compared to values measured )
Interfaces	Wi-Fi
Display device	LCD Display PRISMO@VIEW for MIRAGE ( software )
Color spaces ( Display )	L*a*b*,XYZ
Color spaces ( PRISMO@VIEW for MIRAGE )	Spectral graph(400 ~ 700nm ( 10nm intervals ) L*a*b*,XYZ,RGB
Supported OS	Microsoft® Windows® XP/Vista/7 Apple iOS
Operating temperature/humidity rage	5 to 40°C, relative humidity 80% or less with no condensation
Storage temperature/humidity rage	-20 to 70°C, relative humidity 80% or less with no condensation
Power	4 AAA-size alkaline dry batteries
Dimensions ( W×H×D )	45×63×140.5mm
Weight	Approx. 240g ( without batteries )
Standard accessories	USB Flash Memory ( PRISMO@VIEW for MIRAGE ( software ), Operating manual )
Optional accessories	White/dark plate ( PMG-RW01 )

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