

MURAKAMI COLOR RESEARCH LABORATORY
3-11-3 Kachidoki, Chuo-Ku, Tokyo, 104-0054 Japan
TEL: +81-3-3532-3011 FAX: +81-3-3532-2056

On-line Glossmeter

GR-4



GR-2



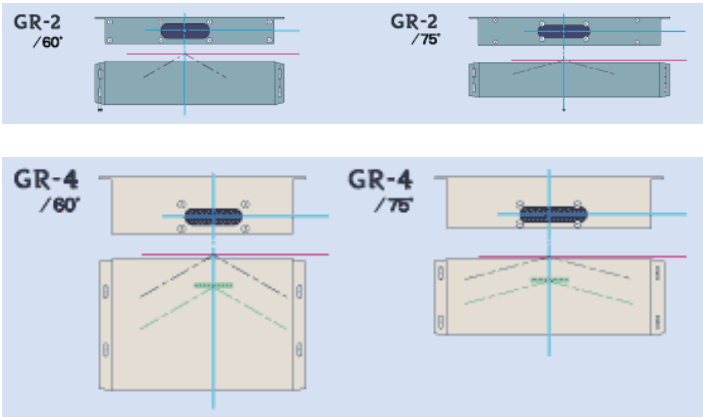
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The GR-2 and GR-4 online gloss meters provide high speed continuous gloss measurement suitable for production line control. These instruments operate without contacting the sample surface, allowing for continuous monitoring of the quality of the production process.

Operation



GR-2 60° (left) and 75° (right) configurations.

GR-4 60° (left) and 75° (right) configurations.

Also shown is the calibration plate that can be engaged by pneumatic power.

Note that the angle of measurement must be specified with order. Devices are not able to be switched between angles after final assembly.

SPECIFICATIONS

SENSOR UNIT

	GR-4	GR-2
Optical conditions	Specular glossiness-Methods of measurement at 60°and 75°	Specular glossiness-Methods of measurement at 60°and 75°
Measured area	For measurement at 60° Approx.30×56 mm square For measurement at 75° Approx.24×73 mm ellipse	
Light source	Halogen lamp,12V/50W	Halogen lamp, 12V/50W
Receptor	Silicon diode	Silicon diode
Dimensions	For measurement at 60° L172×W650×H405mm/25kg	For measurement at 60° L110×W775×H170mm/8kg

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	For measurement at 75° L157×W720×H234mm/15kg	For measurement at 75° L157×W720×H234mm/15kg
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DISPLAY UNIT

Model	I	II	III	IV
	Digital Indicator	Digital Indicator 2 units/set	Digital Indicator	Digital Indicator
Accuracy	0.1% 1 digit	0.1% 1 digit	0.1% 1 digit	0.1% 1 digit
External output	Alarm function	Alarm function	Alarm function	
Recorder	1 pen	2 pen	Large-1-pen	
Power requirement	100V AC, 50/60Hz	100V AC, 50/60Hz	100V AC, 50/60Hz	100V AC, 50/60Hz
Dimensions	L340×W300 ×H340 mm	L350×W480× H340 mm	L380×W560× H390 mm	L120×W200× H130 mm

Arrangements can be made for on-site installation.

In the USA, contact:

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New London, New Hampshire 03257-0092

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