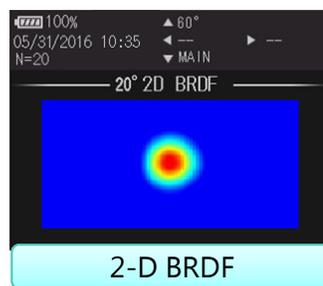
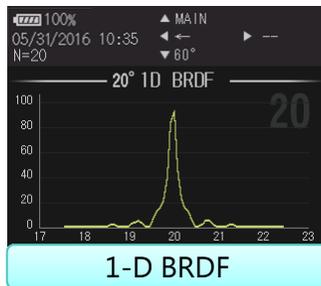


Surface Reflectance Analyzer

RA-532H

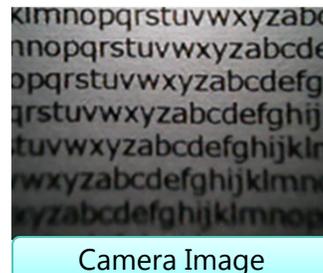
Highlights

- **One shot analysis for all 4 gloss indices*¹**
- **2-D BRDF measurement*² in the palm of your hand**
- **Shape confirmation within measuring area using observation camera function**



Main Screen

20°	Haze	IC	Rank
86.3	2.8	0.25 = 20.5	C
60°		0.5 = 80.3	A
91.2		1.0 = 99.7	S
85°		2.0 = 100	S
98.6			



Surface Reflectance Analyzer
RA-532H

*¹ 4 indices of gloss, haze, image clarity (IC), BRDF

*² Bidirectional Reflectance Distribution Function represents the angular distribution of reflection light intensity that indicates in what direction and how much light is reflected when light is incident.

Applications

Evaluation & Inspection of

- **Automotive Surface**
- **Printed Surface**
- **Painted Surface**
- **Film & Paper**



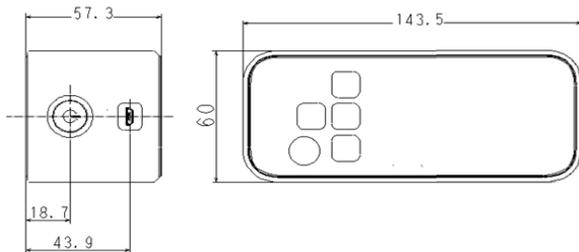
A variety of items can be evaluated and inspected.

Specifications

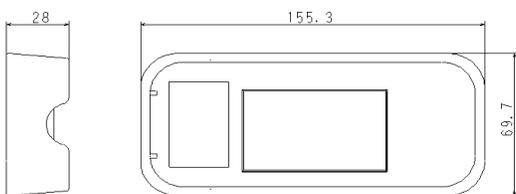
	Gloss	Haze	Image Clarity	BRDF
Compliance Standards	ISO 2813, 7668 ASTM D2457, D523 JIS Z8741	ISO 13803 ASTM E430	JIS K7374	-
Incident Angle	20°, 60°, 85°	20°	60°	20°, 60°
Resolution	0.1GU	0.1HU	0.1%	0.001
Measurement Range	0 ~ 2000GU (20°) 0 ~ 1000GU (60°) 0 ~ 160GU (85°)	0 ~ 300HU	0 ~ 100%	0 ~ 3000
Measurement Time	4 seconds or less (based on calculation of all the parameter references)			
LCD Display Language	English, Japanese			
Light Source	White LED			
Power Supply	Lithium-ion Rechargeable Battery (3.7 VDC, 2450mAh), USB Bus Power Supply			
External Dimension (W x L x H)	Measuring Device: 60 × 143.5 × 57.3mm, Calibration Unit: 69.7 × 155.3 × 28mm			
Weight	Measuring Device: approx. 350g, Calibration Unit: approx. 80g			
Interface	USB2.0 High-Speed, Bluetooth Ver3.0			
Operating Environment	10 ~ 40°C, 80% Rh or less (No condensation)			
Storage Conditions	-20 ~ 50°C, 85% Rh or less (No condensation)			

Dimensions

External Dimensions of Measuring Device

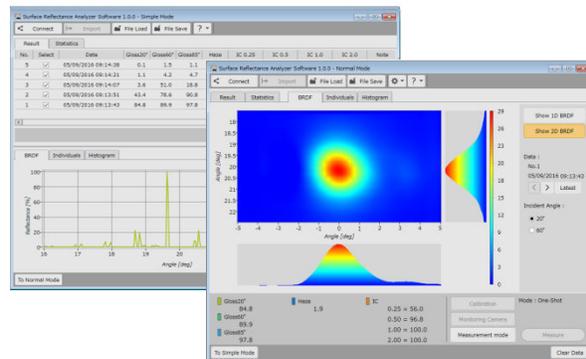


External Dimensions of Calibration Unit



Application Software

Application Software is accompanied to further analyze the measurement results with statistics, graphs, histogram, 1-D BRDF graph, and more.



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