



reflectance haze and orange peel (DOI/RIQ values)

in a single measurement.





The Rhopoint IQ FLEX 20/60 brings appearance measurement to a higher level, specifically designed for difficult surfaces or small parts. The small footprint of the IQ FLEX 20/60 sensor makes for easier measurement of curved surfaces and difficult to reach areas when compared to a conventional glossmeter.

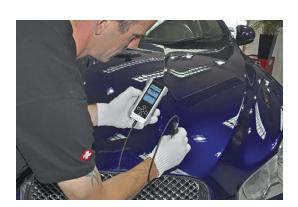
For improved performance and repeatability on even the smallest parts, the Rhopoint IQ FLEX 20 can be customized with magnetically attached adaptor plates.

Using 3D printing technology it is possible to create custom measuring jigs from the CAD diagrams of your components. These adapters can be easily interchanged for different applications:

- 3 measurement spot sizes available in Flex 20 (6mm, 4mm & 2mm) for small parts and curved surfaces
- Repeatable control of small parts and buttons
- Non-contact plates for in-line applications



Note: Flex 20 measurement area 6x6 mm. With optional adapters 2x2 mm & 4x4 mm measurement area.



<b>Specifications</b>	
Gloss	Resolution 0.1GU - Repeatability ±0.2GU - Reproducibility ±0.5GU Measurement range: FLEX 20: 0-2000GU / FLEX 60: 0-1000GU
RSpec	Peak Specular Reflectance: 20° ±0.09905° / Measurement range: 0-2000GU
Reflectance Haze	Near Specular Reflectance measured at 17.2-19°, 21-22.8° Switchable between Haze Units (HU) and Log Haze Units (LogHU) Resolution 0.1HU - Repeatability ±0.2HU - Reproducibility ±1.5HU STANDARDS: ASTM E430, ISO 13803
RIQ (reflected image quality)	Resolution 0.1 - Repeatability ±0.2 - Reproducibility ±0.5 Measurement range: 0-100
DOI (distinctiveness of image)	Resolution 0.1 - Repeatability ±0.2 - Reproducibility ±0.5 Measurement range: 0-100 STANDARD: ASTM D5767
Gloss calibration standard	Traceability: BAM Traceable Uncertainty: 0.4GU
Measurement Area	FLEX 20°: 6mm x 6mm (4mm x 4mm & 2mm x 2mm with optional adapter) FLEX 60°: 6mm x 9mm (Note: appearance indices apart from gloss delivered by the FLEX 60 are a relative approximation as the mentioned standards are valid for 20° geometries only)



SENSING AMERICAS





