ACS Material Equipment Series

MetriTec™ Gloss Meter

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I.   Product Overview

ACS Materials offers a comprehensive range of high-precision MetriTec™ Gloss Meters engineered for accurate and efficient gloss measurement across a variety of surface types. Featuring advanced software integration and built-in statistical analysis, these instruments provide reliable and consistent assessment of gloss uniformity. The MetriTec™ Gloss Meters are widely applied in industries including automotive, printing, paint, coatings, inks, plastics, paper, ceramics, stone, metal, and electroplating. Whether evaluating the gloss of car finishes, marble, or coated substrates, these meters deliver repeatable, high-accuracy results tailored for quality control and product inspection.

II.   Product Features of the MetriTec™ Gloss Meter Series

MetriTec™ Gloss Meter M190 is a handheld gloss meter with a measuring range of 0-200GU. It is professionally used for the surface gloss measurement of paint, coating, ink, plastic, paper, ceramics, stone, metal and other materials. It is easy to use and you can get the measurement results at once after testing under the normal mode. No need to wait. The device can switch the normal mode to QC mode, which can realize quick inspection to improve efficiency.

MetriTec™ Gloss Meter M192 is a hand-held gloss meter with universal measuring angle 60° and its measuring range is 0-1000GU. The instrument is widely used in surface gloss measurement on paint, coating, metal, ceramics, stone, printed material. It's so convenient that you can use even without pressing button. QC mode is optional to conduct quick QC process. Intelligent data statistics and test report can be generated by connecting PC software.

MetriTec™ Gloss Meter M193 is a portable gloss meter with micro measuring aperture, universal angle 60°. Its measuring range is 0-1000GU, and exclusively applicable to surface gloss measurement on curved or mini size material.

MetriTec™ Gloss Meter M195 is a handheld gloss meter with a range of 0-200GU. It is professionally used for the surface gloss measurement of paint, coating, ink, plastic, paper, ceramics, stone, metal and other materials. The operation of the device is simple. You can just put the device on the materials and start to measure under normal mode, and there is no need to wait normal mode. In addition, the device can also be set to QC mode, which can realize quick QC measurement to improve efficiency.

MetriTec™ Gloss Meter M196 is a handheld gloss meter. Thanks to its ivory white engineering housing, its appearance is simple and generous. It features 60° universal angle design, and its measuring range can reach to 1000GU. The device supports normal mode and QC mode. In QC mode, it can automatically determine whether the gloss of the material is qualified, thus the measurement efficiency is improved. It is professionally used for the surface gloss measurement of paints, coatings, inks, plastics, ceramics, stones, metals and other materials.

MetriTec™ Gloss Meter M197 is a multi-angle designed gloss meter. Thanks to its ivory white engineering housing, its appearance is simple and generous. The device is widely used for the surface gloss measurement of paints, coatings, inks, plastics, ceramics, paper, stones, metals and other materials. It has 3 measuring angles of 20°, 60° and 85°, so that the gloss at different angles can be measured at the same time. With its 2000GU measuring range, the device can measure materials with high gloss and even specular reflectivity. The device supports normal mode and QC mode. In normal mode, all you need to do is put the gloss meter on the sample whose gloss will be displayed on the screen of the device instantly. No need to wait. In QC mode, it can automatically determine whether the gloss of the material is qualified, thus the measurement efficiency is improved.

III.   Product Specifications

Model/SKU#	Measuring Angle	Measuring Range	Minimum Test Material size
MetriTec™ Gloss Meter M190 ELGM0190	60°	0-200GU	20mm*10mm
MetriTec™ Gloss Meter M192 ELGM0192	60°	0-1000GU	20mm*10mm
MetriTec™ Gloss Meter M193 ELGM0193	60°	0-1000GU	3mm*6mm

MetriTec™ Gloss Meter M195 ELGM0195	**60°**	**0-200GU**	**20mm*10mm**
MetriTec™ Gloss Meter M196 ELGM0196	**60°**	**0-1000GU**	**20mm*10mm**
MetriTec™ Gloss Meter M197 ELGM0197	**20°, 60°, 85°**	**20°: 0-2000GU** **60°: 0-1000GU** **85°: 0-160GU**	**57mm*10mm**

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