Gloss Checker TMS-724

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Handy digital gloss checker, allows objective and qualified gloss measurement Handy digital gloss checker, allows objective and qualified gloss measurement

Designed for greater ease of operation, maintain clean surfaces and improve quality control inspection in various industrial applications. Designed for greater ease of operation, maintain clean surfaces and improve quality control inspection in various industrial applications.
High efficiency and flexibility utilizing a separate detector and light source, offers the ability to switch between 60 degree measuring angle for standard gloss measurement, and 20 degree measuring angle for high-gloss surfaces with gloss values over 70. High efficiency and flexibility utilizing a separate detector and light source, offers the ability to switch between 60 degree measuring angle for standard gloss measurement, and 20 degree measuring angle for high-gloss surfaces with gloss values over 70.
The flexible connection between the probe and display unit ensures greater work efficiency and safety in all application. The flexible connection between the probe and display unit ensures greater work efficiency and safety in all application.
One touch calibration, just one touch of the calibration key starts the automatic sequential zero-span calibration. One touch calibration, just one touch of the calibration key starts the automatic sequential zero-span calibration.

Applications of Gloss Checker TMS-724(IG-331) Applications of Gloss Checker TMS-724 (IG-331)

Quality control of paint and ink. Quality control of paint and ink.
Checking printed matter. Checking printed matter.
Checking external appearance of plastic mouldings. Checking external appearance of plastic mouldings.
Checking building and masonry finishes. Checking building and masonry finishes.
Floor maintenance. Floor maintenance.

before 13%

after 83%

Specification Gloss Checker TMS-724

Optical system Optical system	60° measurement: Incident angle 60° 60 ° measurement: Incident angle 60 ° Reception angle 60° Reception angle 60 ° 20° measurement: Incident angle 20° 20 ° measurement: Incident angle 20 ° Reception angle 20° Reception angle 20 °
Measuring area Measuring area	60° measurement 3*6mm oval 60 ° measurement 3 * 6mm oval 20° measurement 3*4mm oval 20 ° measurement 3 * 4mm oval
Light source Light source	LED (wavelength: 890 nm) LED (wavelength: 890 nm)
Detector Detector	SPD (silicone photodiode) SPD (silicone photodiode)
Measuring range Measuring range	0-100 0-100
Display range Display range	0-199 (resolution: 1) 0-199 (resolution: 1)
Repeatability Repeatability	±5% FS ±1 digit ± 5% FS ± 1 digit
Power source Power source	A3 dry cell battery *4 A3 dry cell battery * 4
Battery life Battery life	50 hours or more continued operation 50 hours or more continued operation
Operating temperature Operating temperature	10 ~ 40°C 10 ~ 40 ° C
Dimensions Dimensions	Main body: 140 (W) * 75 (H) * 34 (D) mm Main body: 140 (W) * 75 (H) * 34 (D) mm 5.5 (W) * 3.0 (H) * 1.3 (D) in 5.5 (W) * 3.0 (H) * 1.3 (D) in Optical sensor: 88 (W) * 30 (H) * 45 (D) mm Optical sensor: 88 (W) * 30 (H) * 45 (D) mm 3.5 (W) * 1.2 (H) * 1.8 (D) in 3.5 (W) * 1.2 (H) * 1.8 (D) in
Weight Weight	Approx. 350g (with batteries) Approx. 350g (with batteries)
Additional functions Additional functions	Automatic calibration Automatic calibration Automatic power off Automatic power off Display hold Display hold Overrange display Overrange display Battery status Battery status