

cloud-runner

Control and guarantee a uniform finish – no more mottling!

Mottling disturbs the overall color harmony of effect finishes. These irregular lightness variations can now be objectively measured with BYK-Gardner's newest innovation: the cloud-runner simulates visual evaluation under different observing angles and characterizes clouds / mottles by their size and visibility.



Objective and reliable values for QC and trouble shooting

- Small to large mottles are measured under three observing angles
- Scan length can be varied from 10 to 100 cm
- Objective measurement results independent of color and curvature



Ideal tool for the production line

- Intuitive user interface
- Small and light weight – easy to handle
- For flat and curved areas, radius > 50 cm
- Large memory for 1000 readings
- USB port for data transfer to PC
- smart-chart software for data analysis



Always ready with smart docking station

The cloud-runner optimizes the energy consumption of optical and electronic components in combination with the firmware. Thus, a long battery life is achieved: Up to 1000 readings can be taken with one charge.

The docking station automatically charges the battery pack and transfers the measured data to the PC.

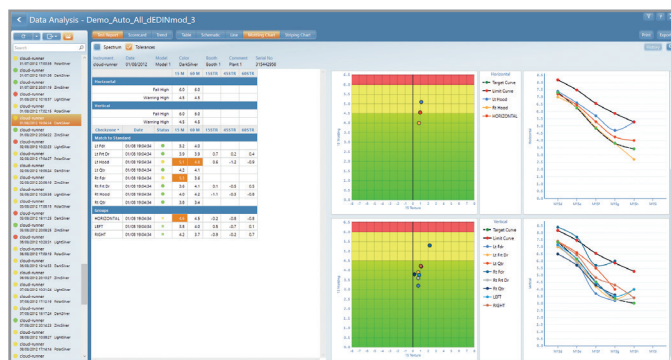
The docking station houses a second battery pack which is always fully charged. The status of both batteries is displayed with LED indicators.



smart-chart for Data Analysis

The smart software to manage and analyze your data in more than one way.

- smart-chart includes a powerful standard management for defining scales and PASS/FAIL limits. For standardized sampling process so called "Organizers" are set up to define clear sample identification and a menu guided operation using your own schematics.
- The measured data is saved in a SQL database which allows handling of large data sets over time. This reliable database type ensures full network and server compatibility.
- Filter your database based on your specific criteria:
- Example: Select a certain color, a certain time range or all "failed – red color coded" test series for further analysis.
- The drill-in function shows history trend of the last 20 measurements of the same model, color and painting line. Just click on any point in the data table or graph!
- smart-chart offers a dynamic print layout allowing you to create your own reports.
- Data can be easily shared within the supply chain by extracting mini databases which can be combined with other databases.



With smart-process, you'll know where you are, where you're going, and how to get there.



Catalog Number	6350
Short Description	cloud-runner
Cloud Size	Md: 6 to 13 mm Me: 11 to 24 mm Mf: 19 to 42 mm Mg: 33 to 72 mm Mh: 57 to 126 mm Mi: 100 to 200 mm
Repeatability (Std. Dev.)	5% or > 0.5
Reproducibility (Std.Dev.)	8% or > 0.8
Object Curvature	radius > 500 mm
Scan Length	10 to 100 cm, selectable in 1cm steps
Resolution	25 points/cm
Light Source	White Power LED
Measuring time	< 4 sec.
Memory	1000 readings
Interface	USB port
Languages	DE, EN, ES, FR, IT, JA, PT
Power supply	rechargeable battery pack, approx. 1500 readings
Weight	0.65 kg 1.5 lb
Operating temperature	10 - 40 °C 50 - 104 °F
Storing temperature	0 - 60 °C 32 - 140 °F
Relative humidity	up to 85% at 35°C (95°F), non-condensing
Dimensions: L x W x H	15 x 5.5 x 11 cm 5.9 x 2.2 x 4.3 in

Delivery Content	System Requirements
Instrument, Checking tile (6353), Docking station with USB-cable (6351), smart-process software with 2 licenses for download (4831), 2 rechargeable battery packs (6349), Certificate, Manual, Carrying case, 1-day training	Operating system: Windows® 10 1607 or later Hardware: i5 2.5 GHz; i9 recommended, or equivalent (x86 & x64 architecture only) Memory: 16 GB RAM, 32 GB recommended Free hard-disk capacity: 4 GB during installation Monitor resolution: 1920 x 1080 pixel; 4K recommended Interface: free USB-port

Catalog Number	Short Description	Delivery Content
4831	smart-process	Software with 2 licenses for download
6353	Checking Tile cloud-runner	
6349	Battery Pack cloud-runner	
6351	Docking Station cloud-runner	Charger 100 - 240 V self adapting USB-cable