

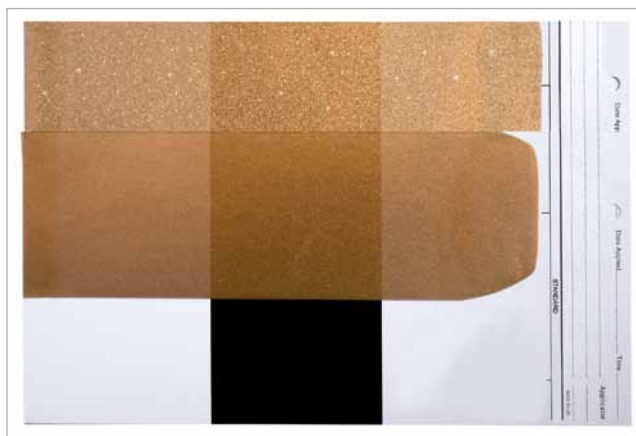
Accessories Cosmetics

Measurement of cosmetic products

The cosmetic industry is very much driven by the aesthetics. A lot of special effect pigments are used to create light-dark and color flop. Additionally, they start to sparkle when viewed in direct sun light. As many different sample types are used e.g. nail polish, lip gloss and eye shadow, standardized sample preparation is required for repeatable measurement results.

Measurement of Nail Polish

A drawdown is made on a black & white test chart. The use of BYK-Gardner byko-charts guarantee consistent color & gloss ensuring that the measured color difference only comes from product variations.



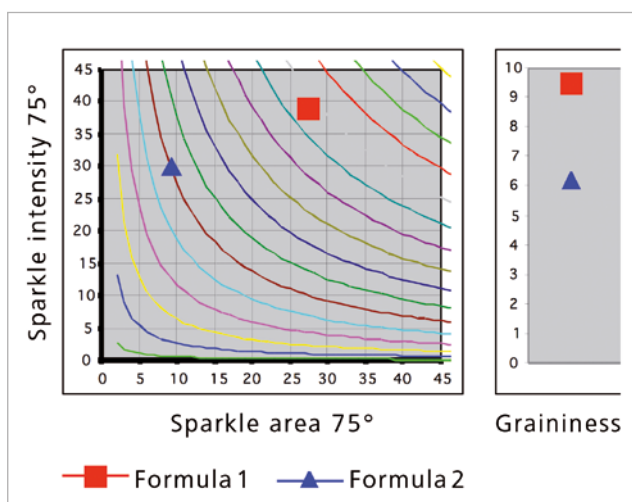
The orientation of effect pigments can create different looks. In the example on the right the same pigment was used in 2 different formulations. In formula 1 the flake orientation was not influenced. As a result it looks coarser and sparkles at a low grazing angle. In formula 2 the aluminium flakes were oriented parallel creating a fine, mirror like look with hardly any graininess. BYK-mac measurement data clearly detects this effect by an increase in sparkle area at 75° and graininess. Sparkle 75° detects the aluminium flakes which are non-parallel oriented.

New!



Info!

For more information on byko-charts, see pages 145 – 152.



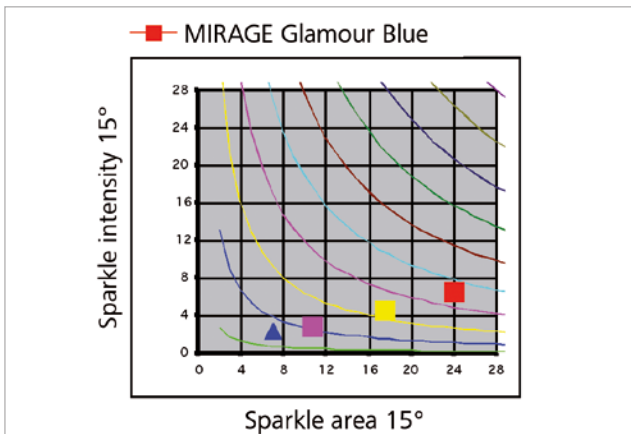


Measurement of Powdery and Pasty Materials

Eye shadow, lipstick / lip-gloss or facial powder is pressed or poured into a sample cup and can be easily and repeatably measured with the BYK-mac sample holder.



Eye shadow using the new MIRAGE effect pigment line from ECKART was compared to products using natural mica based pigments. Visually, the new pigments distinguish themselves by their glamorous look and extraordinary sparkling effect. BYK-mac measurements of MIRAGE Glamour Blue show this effect by a much higher sparkle area and intensity value.



The holder is equipped with a mask custom made to fit the aperture of the BYK-mac and therefore, guarantees repeatable sample placement and measurement results. For sample preparation the holder comes with one adapter ring and five cuvettes (ø 35.5 mm, height 4.5 mm).

To use it with custom specific cuvettes, customized adapter rings are offered.

■ Maximum round container size: ø 60 mm



Ordering Information

Cat. No.	Description
CM-6415	Sample Holder
CM-6416	Customized Adapter Rings

Accessories

To measure powdery and pasty materials;
including adapter ring and 5 cuvettes ø 35.5 mm, height 4.5 mm
Five adapter rings of various sizes; please specify diameter