

# Accessories for Cosmetics

## Measurement of cosmetic products

The cosmetic industry is very much driven by aesthetics. Special effect pigments are used to create colorful and glamorous looks. Colors will show light/dark or color travel depending on viewing angle/curvature as well as sparkle impressions depending on the lighting conditions. For each different product type (e.g. nail polish, lipstick, eye shadow, foundation...) a standardized sample preparation is required in order to guarantee repeatable measurement results.



## Measurement of small and/or curved products

**New!**

### Sample Holder Cosmetics

The Sample Holder Cosmetics is especially designed for multi-angle color & effect measurements using BYK-mac i 12 mm on small as well as curved products, e.g.

- Lipsticks
- Artificial Nails
- Cosmetic Packaging such as hairspray cans



For repeatable results the product is placed into a sample drawer, which can be comfortably opened and closed. Magnets keep the drawer from sliding open. A mask is fit on top of the sample drawer to hold the BYK-mac i in place and allow non-contact measurements of your products in a completely shielded compartment.

- Easy handling
- Precise and repeatable positioning of sample
- No ambient light
- Durable, easy-to-clean material
- Non-contact measurement

There are three different kits available for use with the Sample Holder Cosmetics depending on which type of product needs to be measured:

#### Lipstick Kit

- Prismatic clamp for inserting lipsticks with various diameters
- Magnets on the bottom plate provide a reliable locking feature, and allow for simple attachment and removal



#### Nail Kit

- Exchangeable nail attachment, which is customizable for various nail shapes
- Reliable rigid placement via magnets on bottom plate



#### Cylinder Kit

- Customizable inlays for various diameters of cylindrical shaped products
- Optimum form closure guarantees tight fit of inlays inside the Sample Holder Cosmetics
- Depending on the size of the sample, the BYK-mac i with 23 mm aperture can also be used

### Ordering Information

Cat. No.	Description
6459	Sample Holder Cosmetics
6461	Lipstick Kit
6462	Nail Kit
6463	Nail Attachment for 6462
6464	Cylinder Kit

### Accessories

Dimensions: 24 x 10 x 10 cm (9.4 x 3.9 x 3.9 in.)

Weight: 2.2 kg (4.9 lbs)

Max. diameter of lipstick compartment: 20.8 mm

Please provide sample nail for customization of holder

Customized nail holder for use with Nail Kit 6462

Max. length of cylinder: 229 mm

Max. diameter of cylinder: 67 mm

Please provide sample for customization of inlays

## Measurement of low viscosity products

### Sample Holder Liquid Paste – M

The Sample Holder Liquid Paste – M allows multi-angle color & effect measurements using BYK-mac i on products of low viscosity, e.g.

- Pigment Pastes
- Liquid Foundations

For repeatable results it is important to always pour the same amount of liquid paste into the plastic spoon by means of e.g. a syringe. Care must be taken to achieve a smooth and homogeneous surface. The plastic spoon is fixed in the sample holder and the BYK-mac i is placed on a mask to ensure centered positioning.



- Durable, easy-to-clean material
- Light barrier avoids entry of ambient light
- Non-contact measurements ensure clean and fast handling

### Ordering Information

Cat. No.	Description
6439	Sample Holder Liquid Paste – M

### Accessories

Including 5 plastic spoons  
Measurement distance approx. 1 mm

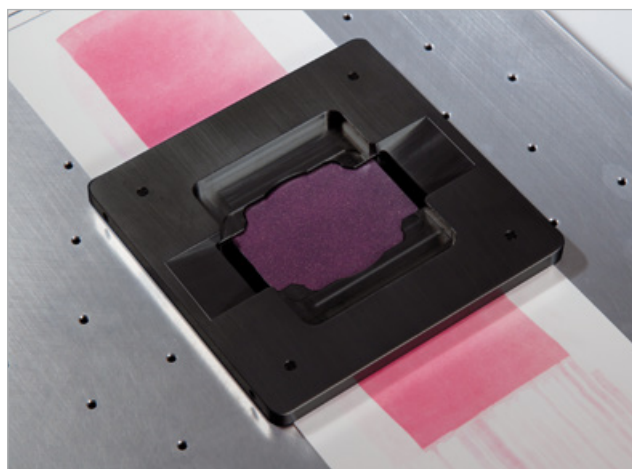
## Measurement of wet drawdowns

### Wet Drawdown Template – M

The Wet Drawdown Template – M is especially designed for multi-angle color & effect measurements using BYK-mac i on non-drying drawdowns, e.g.

- Drawdowns of Lipstick Paste
- Drawdowns of Liquid Foundation

To simulate how the color and effect of a product will look like when applied, a drawdown is made on a test chart. The template is then placed over the drawdown without touching the surface of the wet sample. For repeatable non-contact measurements, the template is equipped with a mask to hold the BYK-mac i.



- Made of easy-to-clean hard-anodized aluminum
- Non-contact measurements ensure clean and fast handling

### Ordering Information

Cat. No.	Description
6440	Wet Drawdown Template – M

### Accessories

Dimensions: 10.0 x 10.0 cm (3.94 x 3.94 in.)  
Min. Film Width: 35 mm (1.38 in.)  
Max. Film Width: 80 mm (3.15 in.)

### Info!

Measurement results are greatly affected by application quality. Therefore the use of an automatic film applicator (e.g. byko-drive) is recommended. For more information please refer to the section "Application".

## Measurement of powdery or pasty products

### Sample Holder Round Dish – M

The Sample Holder Round Dish – M is developed for multi-angle color & effect measurements using BYK-mac i on powdery or pasty materials, e.g.

- Pressed Powders
- Creamy Eye Shadows



For repeatable results the product is pressed or poured into a sample cup. During sample preparation of pressed powders, it is important to always maintain the same plunger pressure as well as the same plunger tissue. It is recommended to use a fine-woven fabric to create a smooth, non-textured surface. The holder is equipped with a mask onto which the BYK-mac i is placed for non-contact measurements.

- Made of easy-to-clean hard-anodized aluminum
- Non-contact measurement to protect the instrument's optics
- Customized adapter rings are offered to use the holder with custom specific cuvettes

### Ordering Information

Cat. No.	Description
6415	Sample Holder Round Dish – M
6416	Adapter Rings for 6415

### Accessories

Including adapter ring and 5 cuvettes ø 35.5 mm, height 4.5 mm  
Measurement distance approx. 1 mm  
Five customized adapter rings of various sizes  
Please specify diameter (max. round container size: ø 60 mm)

### Info!

For further information and best practice examples on your specific application (nails, lips, face, eyes...) please refer to our brochure "QC Solutions for Cosmetics", which can be downloaded from <http://www.byk.com>