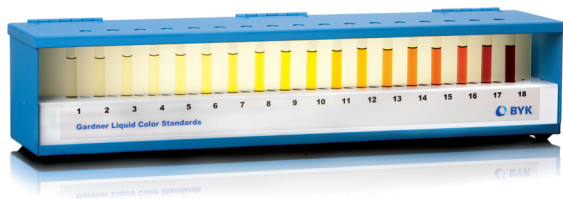


Liquid Color Standards



- Consists of sturdy rack with 18 tubes of colored fluids in numbered positions
- A panel of frosted glass behind tubes provides background of diffuse white light
- Two models are available:
without illumination → use sunlight from window or indoor light
with illumination → fluorescent tube behind glass panel
- Solutions are standardized at 25°C, but evaluations between 20°C and 30°C are substantially correct

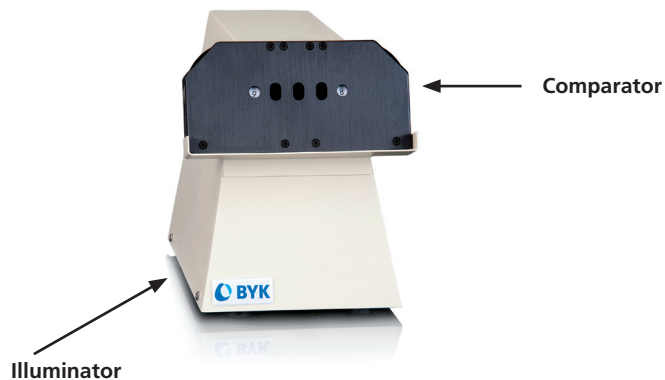
How to determine color numbers?

- The liquid to be tested must be transparent, non-cloudy
- Pour test liquid into empty color comparison tube and properly seal the tube
- Insert tube between standards which appear closest in color
- Determine if color appears equal to, slightly more, or slightly less than color of adjoining standards
- Express conclusion mathematically:
identical to 14 14
slightly darker than 14, much lighter than 15 14+
slightly lighter than 14 14-
between 14 and 15 14 - 15

How to replace the lamp?

- Remove the power cord
- Let the lamp cool down to avoid injuries
- Open top cover
- Twist the lamp ¼ turn and lift it from the end fixtures
- Replace with a new lamp

Delta Color Comparator



- Consists of comparator with 18 precision glass standards and an illuminator
- Comparator is composed of two disks containing 9 optically polished glass filters (color standards): one wheel for odd and one for even numbers
- The comparator without illumination is to be used with sunlight from window or indoor light

How to determine color numbers?

- The liquid to be tested must be transparent, non-cloudy
- Pour test liquid into empty color comparison tube and properly seal the tube
- Insert tube in the channel between the two disks
- Rotate color wheels until filter glass closest in color to the liquid is in place
- Express conclusion mathematically:

identical to 14	14
slightly darker than 14, much lighter than 15	14+
slightly lighter than 14	14-
between 14 and 15	14 - 15

How to replace the lamp?

- Remove the power cord
- Let the lamp cool down to avoid injuries
- Open top cover by removing the screws
- Unscrew light bulb and replace it with new one