

SBG-80 D65/A is equipped with double light source and consists of ultra color-rendering D6500 light tube, A light source tungsten lamp and precisely designed downlight system. This instrument strictly conforms to the relevant color evaluation and comparison conditions of CIE and CY3-91 requirements. It is designed for the all-day color evaluation and comparison of industries about printing, paint, ink, plastic, dyeing and finishing, etc.



### Professional Technology

- Double light source of CIE D65 and A
- Stable light spectrum and accurate color rendering
- Standard and even illumination
- Unique metamerism function
- Equipped with automatic timer to show the instrument running conditions
- 2 installation modes of hanging and wall-hanging for users' choice

### Test Principle

Coloring comparison usually occurs under sunlight in daily life, whereas industrial color comparison requires the light source with equivalent spectra distribution of sunlight, which is defined as D65 standard light source by International Commission of Illumination (CIE). However, metamerism effect always occurs when matching color. It makes the same specimen show different colors in different light source, which will lead to a great deal of loss. Application of “A” light source will effectively avoid such unfavorable effect.

### Applications

<b>Basic Applications</b>	Printing	Designed for the color observation and comparison of printing industry
	Paint	Designed for the color observation and comparison of paint industry
	Dyeing and Finishing	Designed for the color observation and comparison of ink dyeing and finishing industry

### Technical Specifications

Specifications	SBG-80	
	D65	A
<b>Color Rendering</b>	>96	100
<b>Color Temperature</b>	6500 K	2900 K
<b>Evenness</b>	>80%	
<b>Power Supply</b>	AC220V 50Hz	
<b>Instrument Dimension</b>	1000 mm (L) x 650 mm (W) x 125 mm (H)	

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**Net Weight**15 kg

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**Please Note:** Labthink is always dedicated to the innovation and improvement of product performance and function. Therefore, technical specifications are subject to change without further notice. Please visit our website at [www.labthink.com](http://www.labthink.com) for the latest updates. Labthink reserves the rights of final interpretation and revision.