

SPS-80T is equipped with CIE D65 and A light source and supports neutral grey observation condition. It is made of 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 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
- Standard slant light casting cover, hanging board, board and sample board

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

Basic Applications	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	SPS-80T	
	D65	A
Color Rendering	>96	100
Color Temperature	6500 K	2900 K
Board Size	1050 mm x 700 mm	
Power Supply	220VAC 50Hz	

Instrument Dimension	1050 mm (L) x 800 mm (W) x 2100 mm (H)
Net Weight	40 kg

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