

spectraVISION II™

INTRODUCTION

spectraVISION II™ is a latest patented design colour matching booth which provides standardized and controlled environment for visual assessment of colors with strict adherence to International standards. It is very useful for Textile Mills due to industrial size cabinet. It provides six light sources choice for Faster, Closer and Accurate Color Matching.

- Artificial Daylight Fluorescent Lamps (D-65)
- Tungsten Filament Lamps (Inc A Lamps)
- Cool White Fluorescent Lamp (CWF)
- Triphosphor Fluorescent Lamp (TL-84)
- Triphosphor Fluorescent Lamp (TL-83)
- Ultra-Violet Black Lamp

EQUIPMENT

Paramount *spectraVISION II™* is completely made of Teakwood, Ply Board & Sunmica. Natural grey mat colour sunmica used inside the cabinet, which strictly adheres to the international standards. The equipment is supplied with all standard tube lights & bulbs for accurate Color Matching. A special filter is provided in the unit for uniform, glare-free light. To safeguard the expensive & sensitive tube lights & bulbs, *SpectraVISION II™* is fitted with Electronic/ballasts for Instant start & power saving. Specially designed control panel with auto sequencing option for the tube lights. The unit is meticulously finished in an elegant gray, as per international standards.

SALIENT FEATURES

- Specially designed colour matching cabinet as per international norms to access the colour matching of Yarns & dyed or printed fabrics or any material anyway coloured.
- Latest Patented Next Generation colour matching Cabinet.
- Industrial size cabinet with 4 feet tube lights exactly matches the demand of textile industry.
- Special microprocessor based controller for lights with sequencing for hands free operation.
- Latest cabinet having six standard light sources, CWF, D 65, TL 84, TL 83, UVB and INCA
- Natural matt colour sunmica is used in side the cabinet that strictly adheres to the International standards.
- Supplied complete with 45° angle viewing table.
- Supplied with calibration & inspection certificates.

spectraVISION II™ is supplied complete with below accessories.

Main Unit	01 No.
Tube Lights	07 Nos.
Bulbs	06 Nos.
45° Angle Viewing Stand	01 No.
Sample Fixing Magnets	04 Nos.
Dust Cover	01 No.
Detailed User's Manual	01 No.
Inspection & Conformance Certificate	01 No.
Calibration Certificate (Traceable to NPL)	01 No.



TECHNICAL DETAIL

Size of the filter plate	: 1270 (L) x 590 (W) x 25 (H) mm
Size of viewing Stand	: (380 x 380) mm
Angle of Viewing stand	: 45°
Hour totaliser	: 0 – 10,000 Hour, L/C : 1 Min.
Overall Dimensions of the Instrument	: 1310 ^{±10} (W) x 610 ^{±10} (L) x 800 ^{±10} (H) mm. 28" (W) x 18 ^{1/2} " (L) x 22 ^{3/4} " (H) Inch.
Overall Dimensions of the Viewing Cavity	: 1270±10 (W) x 590±10 (L) x 570±10(H)mm
Net Weight of the Instrument	: 263/4" (W) x 18" (L) x 141/4" (H) Inch. 70 Kg. (154 lb)

LIGHT SOURCES

Artificial Daylight Fluorescent Lamps (D-65)	: 02 Nos. (36 W)
Tungsten Filament Lamps (Inc A Lamps)	: 06 Nos. (40 W)
Cool White Fluorescent Lamp (CWF)	: 02 Nos. (36 W)
Triphosphor Fluorescent Lamp (TL-84)	: 01 Nos. (36 W)
Triphosphor Fluorescent Lamp (TL-83)	: 01 Nos. (36 W)
Ultra-Violet Black Lamp	: 01 No. (36 W)

COLOR TEMPERATURE

D-65	LIGHT	6500° K
CWF	LIGHT	4100° K
TL-84	LIGHT	4000° K
TL-83	LIGHT	
T.F.	LIGHT	2300-2800°K
U.V.B.	LIGHT	Ultra Violet

RELATED STANDARES

It adheres to ISO 3664, BS 950, DIN 6173, ASTM D 1729, and JIS Z 8723 Standards.



AATCC
CORPORATE MEMBER



Patron Member



Member Bureau of Indian Standards