

spectraVISION™ (LCD Display)

INTRODUCTION

spectraVISION™ is an economic colourmatching model which provides a standardized and controlled environment for visual assessment of colors with strict adhering to international norms. The cabinet having five standard light sources.

- Artificial Daylight (D-65)
- Cool White Light (CWF)
- Tungsten Filament Light (Domestic Light Matching)
- Ultra Violet Black Light (Whites & Fluorescent Dyes)
- TL-84 Light -Triphosphor fluorescent Light (Point of Sale)

EQUIPMENT

Paramount *spectraVISION™* is completely made of Teakwood, Ply Board & Sunmica. Natural grey mat colour sunmica used inside the cabinet strictly adheres to the international standards. The equipment is supplied with all standard tube lights & bulbs for accurate Color Matching. In order to safeguard the expensive & sensitive tube lights *spectraVISION™* is fitted with Electronic/ballasts for Instant start & power saving. The unit is meticulously finished in an elegant grey, as per international standards.

SALIENT FEATURES

- Economical colour matching cabinet with **LCD Display** as per international norms to access the colour matching of Yarns & dyed or printed fabrics or any material anyway coloured.
- **Feather Touch** control panel with LCD Display
- **Individual Hour Meter** for each lights.
- This consists of 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 Inspection & Calibration certificates.

spectraVISION™ is supplied complete with below accessories.

Main Unit	01 No.
Tube Lights	05 Nos.
Bulbs Philips	04 Nos.
45°Angle Viewing Stand	01 Nos.
Dust Cover	01 No.
Sample Fixing Magnets	04No.
Mains Lead With Plug	01 No.
Detailed User's Manual	01 No.
Inspection & Conformance Certificate	01 No.
Calibration Certificate (Traceable to NPL)	01 No.



TECHNICAL DETAILS

A. DIMENSIONS

Main Supply	: 230V, 50 Hz, AC Single Phase
Size of viewing board	: (380 x 380) mm
Angle of Viewing board	: 45°
Hour totaliser	: 0 – 10,000 Hour, L/C : 1 Min
Overall Dimensions of the Instrument	: 710 ^{±10} (L) x 470 ^{±10} (W) x 575 ^{±10} (H) mm. 28'' (L) x 18 ^{1/2} '' (W) x 22 ^{3/4} '' (H) Inch.
Overall Dimensions of the Viewing Cavity	: 680 ^{±10} (L) x 460 ^{±10} (W) x 360 ^{±10} (H) mm 26 ^{3/4} '' (L) x 18'' (W) x 14 ^{1/4} '' (H) Inch.
Net Weight of the Instrument	: 25 Kg. (55 lbs)

B. LIGHT SOURCES

Artificial Daylight Fluorescent Lamps (D-65)	: 02 Nos. (18 W)
Tungsten Filament Lamps (Inc A Lamps)	: 04 Nos. (40 W)
Cool White Fluorescent Lamp (CWF)	: 01 No. (18 W)
Triphosphor Fluorescent Lamp (TL-84)	: 01 No. (18 W)
Ultra-Violet Black Lamp	: 01 No. (18 W)

C. COLOR TEMPERATURE

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

RELATED STANDARDS

ISO 3664, BS 950, DIN 6173, ASTM D 1729, and JIS Z 8723



AATCC
CORPORATE MEMBER



Patron Member



**Member Bureau of
Indian Standards**