

## *spectraVISION Nx™*

### INTRODUCTION

*spectraVISION Nx™* provides standardized and controlled environment for visual assessment of colors. It is suitable for all applications where there is a need to maintain Color consistency and Quality.

The use of Multiple Light Sources is the only way to detect **Metamerism** - a phenomenon where samples appear to match under one Light source but are distinctly different under another.

*spectraVISION Nx™* is a universally preferred choice for Faster, Closer and Accurate Color Matching.

### EQUIPMENT

Paramount *spectraVISION Nx™* 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 & bulbs, *SpectraVISION Nx™* 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 used to access the colour matching of Yarns & dyed or printed fabrics or any material anyway coloured.
- Latest Patented Design Next Generation colour matching Cabinets.
- The control panel is ergonomically designed for operator comforts.
- Latest microprocessor based controller for lights with sequencing for hands free operation.
- 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 calibration & inspection certificates.

*spectraVISION Nx™* is supplied complete with below accessories.

Main Unit	01 No.
Tube Lights	06 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 ( <b>Traceable to NPL</b> )	01 No.



### TECHNICAL DETAILS

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 <sup>±10</sup> (L) x 555 <sup>±10</sup> (W) x 590 <sup>±10</sup> (H) mm. 28" (L) x 22" (W) x 23 <sup>1/4</sup> " (H) Inch.
Overall Dimensions of the Viewing Cavity	: 680 <sup>±10</sup> (L) x 460 <sup>±10</sup> (W) x 360 <sup>±10</sup> (H) mm 26 <sup>3/4</sup> " (L) x 18" (W) x 14 <sup>1/4</sup> " (H) Inch.
Net Weight of the Instrument	: 28 Kg. (61 lbs)

### 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)
Triphosphor Fluorescent Lamp (TL-83)	: 01 No. (18 W)
Ultra-Violet Black Lamp	: 01 No. (18 W)

### COLOR TEMPERATURE

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



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**Member Bureau of  
 Indian Standards**