

TECHINCAL DETAILS

OF

spectraVISION[™] (Normal)

1. 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)

2. 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.



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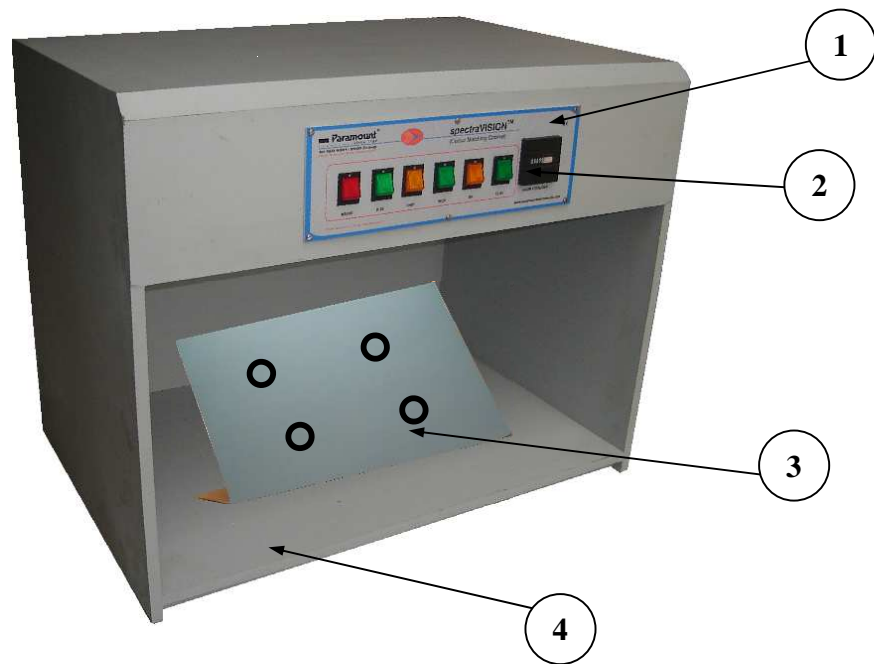


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3. DETAILS OF THE MAIN UNIT OF *spectraVISION*™



- 1) Control Panel.
- 2) Hour Totaliser.
- 3) 45° Angle Viewing stand with 4 sample Fixing Magnets..
- 4) Viewing Cavity.



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4. DETAILS OF THE ACCESSORIES SUPPLIED WITH *spectraVISION*™



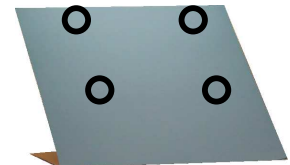
Main Unit



Tube Lights – 05 Nos.



Bulbs – 04 Nos.
 Philips Spain



45° Angle Viewing Stand with
 4 Sample Fixing Magnets



Main Lead



Dust Cover



This User's Manual



Calibration & Inspection
 Conformance Certificates

spectraVISION™ is Supplied Complete with below Accessories:

1) Main Unit	:	01 No.
2) Tube Lights	:	05 Nos.
3) Bulbs Philips Spain	:	04 Nos.
4) 45° Angle Viewing Stand	:	01 No.
5) Dust Cover	:	01 No.
6) Sample Fixing Magnets	:	04No.
7) Mains Lead With Plug	:	01 No.
8) Detailed User's Manual	:	01 No.



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9) Inspection & Conformance Certificate	:	01 No.
10) Calibration Certificate (Traceable to NPL)	:	01 No.

5. SALIENT FEATURES

- Economical colour matching cabinet as per international norms to access the colour matching of Yarns & dyed or printed fabrics or any material anyway coloured.
- The control panel is ergonomically designed for operator comforts.
- Hour meter is provided check the life of tube 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.

6. TECHNICAL DETAILS OF *spectra*VISION™

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.
<i>Net Weight of the Instrument</i>	: 25 Kg. (55 lbs)



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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

7. RELATED STANDARDS

AATCC 8 – 2001

REFERENCE STANDARD

ISO 105

BS 1006

BS EN 20105

MARKS & SPENCER C8

NOTE : With our constant endeavour to improve & excel, we reserve the right to alter the specification or modify the appearance without notice.