

TECHINCAL DETAILS

OF

spectraVIDE I Nx™ (NEW) *(Colour Matching Booth as Per for European Buyers)*

1. INTRODUCTION

spectraVIDE I 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.

It is Specially designed to access colour matching according to European standards & norms. It has been developed for the visual assessment of colour in accordance with British standard 950 part I.

It allows a person to evaluate Color Samples under different Light Sources:

- *Artificial Daylight (D-65)*
- TL-84 Light -Triphosphor fluorescent Light
- INC-A Light (Domestic Light Matching)
- Tungsten Filament Lamps (Lamps)
- Ultra Violet Black Light (For Whites & Fluorescent Dyes)
- spectraVIDE I Nx™ is a universally preferred choice for Faster, Closer and Accurate Color Matching.

2. EQUIPMENT

Paramount spectraVIDE I Nx™ is completely made of wooden material with internal water paint, which strictly adheres to European standards. The equipment is supplied with all standard tube lights & bulbs for accurate Color Matching. The exclusive feature is its feather touch control panel with pressure switch & hour meter. In order to safeguard the expensive & sensitive tube lights & bulbs. spectraVIDE I Nx™ is fitted with Electronic/ballasts for Instant start & power saving. The unit is meticulously finished in an elegant grey, as per European standards.

3. DETAILS OF THE MAIN UNIT OF *spectraVIDE I Nx*™

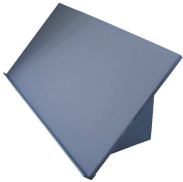


1. Viewing Area.
2. Feather touch control panel.
3. Hour totaliser.

4. DETAILS OF THE ACCESSORIES SUPPLIED WITH *spectraVIDE I Nx*™



Main Unit



45° Angle Viewing Table



Tube Lights – 05 Nos.



Bulbs – 04 Nos.



Main Lead with Plug



Dust Cover



This User's Manual



Calibration & Inspection Conformance Certificates

spectraVIDE I Nx™ is Supplied Complete with below Accessories:

- | | | |
|---|---|---------|
| 1) Main Unit | : | 01 No. |
| 2) Tube Lights | : | 05 Nos. |
| 3) Bulbs | : | 04 Nos. |
| 4) 45° Angle Viewing Table | : | 01 No. |
| 5) Dust Cover | : | 01 No. |
| 6) Mains Lead With Plug | : | 01 No. |
| 7) Detailed User's Manual | : | 01 No. |
| 8) Inspection & Conformance Certificate | : | 01 No. |
| 9) Calibration Certificate (Traceable to NPL) | : | 01 No. |



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5. SALIENT FEATURES

- Latest design colour matching cabinet to access the colour matching of dyed or printed fabrics ,yarn or any material anyway coloured.
- The control panel is ergonomically designed for operator comforts.
- All lights are as per European standards.
- Feather touch control panel with hour meter.
- This consists of four standard light sources, D 65, TL 84, UVB and INCA; all lights are as per European standards.
- Interior paint, matching with Munsell SB 4.5 strictly adheres to the European standards
- Supplied complete with 45° angle viewing table.
- Supplied with calibration & inspection certificates.

6. TECHNICAL DETAILS OF *spectraVIDE I Nx*™

DIMENSIONS

Size of viewing table	: (610 x 310 ± 5) mm
Angle of Viewing table	: 45°
Hour totaliser	: 0 – 10,000 Hour, L/C : 1 Min.
Overall Dimensions of the Instrument	: 715 ^{±10} (W) x 425 ^{±10} (D) x 570 ^{±10} (H) mm. 28 ^{1/4} ” (W) x 17 ^{3/4} ” (D) x 22 ^{1/2} ” (H) Inch.
Overall Dimensions Viewing Cavity	: 680 ^{±10} (W) x 380 ^{±10} (D) x 360 ^{±10} (H) mm. 26 ^{3/4} ” (W) x 15” (D) x 14 ^{1/4} ” (H) Inch.
Net Weight of the Instrument	: 27 Kg. (59.4 lbs)

LIGHT SOURCES

Artificial Daylight Fluorescent Lamps (D-65)	: 02 Nos. (18 W)
Tungsten Filament Lamps (Lamps)	: 04 Nos. (40 W)
Troposphere Fluorescent Lamp (TL-84)	: 02 No. (18 W)
Ultra-Violet Black Lamp	: 01 No. (18 W)

COLOR TEMPERATURE

D-65	6500° K
TL84 LIGHT	4000° K
T.F. LIGHT	2850° K
U.V.B. LIGHT	Ultra Violet

7. RELATED STANDARDS

DIN 6173

REFERENCE STANDARD

BS 950

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



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