



E-INDIA FLEXIPACK MACHINERY PRIVATE LIMITED

Add. 1 : GF A-3, Maruti Plaza Residency, Near Satymev Hospital,
Chandkheda, Ahmedabad-382424

Add. 2 : Ground Floor, Plot No 24/18-A, Kh. No. 487, Munirka Kunj,
Najafgarh, New Delhi - 110043

Color Viewing Booth and Cabinet:

Color viewing booths, also known as color matching cabinets, are essential tools in industries where accurate color evaluation is crucial. These controlled environments ensure consistent and standardized lighting conditions, such as D50 or D65 light, enabling precise color comparisons.

Importance of Color Viewing Booths

In industries like Printing and Packaging accurate color assessment is crucial. Variations in ambient lighting can lead to incorrect color judgments, affecting product quality and customer satisfaction. Color viewing booths eliminate this inconsistency by providing a controlled setting.

Advantages of Color Viewing Booths

1. **Standardized Lighting Conditions:** Simulate various light sources, including daylight (D50, D65), fluorescent TL 84 and UV light.
2. **Consistency and Accuracy:** Ensure reliable color matching and reduce metamerism issues.
3. **Improved Quality Control:** Detect color variations and defects early in the production process.
4. **Enhanced Workflow Efficiency:** With a reliable reference point, designers and quality control teams can identify and correct color discrepancies early in the production process, saving time and reducing waste.

Color Viewing Cabinet:





E-INDIA FLEXIPACK MACHINERY PRIVATE LIMITED

Add. 1 : GF A-3, Maruti Plaza Residency, Near Satymev Hospital,
Chandkheda, Ahmedabad-382424

Add. 2 : Ground Floor, Plot No 24/18-A, Kh. No. 487, Munirka Kunj,
Najafgarh, New Delhi - 110043

Color Viewing Cabinet:



Dimensions

Color Viewing Light Table			
	Width	Height	Depth
Overall Area (including storage box)	1,900 mm	2,500 mm	1,600 mm



E-INDIA FLEXIPACK MACHINERY PRIVATE LIMITED

Add. 1 : GF A-3, Maruti Plaza Residency, Near Satymev Hospital, Chandkheda, Ahmedabad-382424

Add. 2 : Ground Floor, Plot No 24/18-A, Kh. No. 487, Munirka Kunj, Najafgarh, New Delhi - 110043

STANDARD ILLUMINANTS

Illuminant	Color temperature (CCT)	Definition	Application
D50	5000 kelvin	CIE defined daylight	Colour matching graphic arts
D65	6500 kelvin	CIE defined northern daylight	Colour matching manufacturing industry
F11	4100 kelvin	Fluorescent lamp (formerly TL84 and U41)	Offices, Showrooms, Exhibitions
UV-A radiator		Fluorescent lamp (peak wavelength 365 nm)	Detection of optical brighteners

- ✓ Select the lighting condition (booth/cabinet) as per the need (D65, D50, TL 84, UV Light).
- ✓ Monitor and standardize lamp hours as per usage and replace in-time.
- ✓ Helpful for from your Customer Audits and External ISO Audits for Process Control and QA.

Conclusion

Color viewing booths are indispensable for industries requiring precise color assessment. By offering consistent and standardized lighting, they enhance quality control, reduce errors, and ensure customer satisfaction.