NAUGRA®

Product name:	Product code:
Paper Brightness and Opacity Meter D65 Illuminant	CMI-IND-0098



Description

Spectrophotometric brightness, whiteness and opacity meter using diffuse illumination at 457 nm and D65 conditions. Used for printing paper, tissue and specialty grade quality control.

Technical specification

Aperture	30 mm dia
Standards	ISO 2470-1, ISO 2471, TAPPI T 452, T 425
Power supply	230 V AC, 50 Hz

Standard Accessories

- Working standards
- Black cavity
- Specimen holder

The meter measures ISO brightness at 457 nm, CIE whiteness and opacity of paper using an integrating sphere and photodiode detector. Brightness and opacity are essential for print quality and market grading. A stable LED source with calibration standards gives repeatable results.

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Civil Laboratory Equipment Manufacturers and Suppliers India Civil Lab Exportrs India
Email us at: export@civilmechanicalindia.com

Features

- ISO brightness at 457 nm with UV control
- Opacity with black cavity and backing
- CIE whiteness and tint values
- Integrating sphere d/0 geometry
- Statistical averaging of readings

Technical Specifications

Brightness range	0 to 120 percent ISO
Opacity range	0 to 100 percent
Accuracy	+/- 0.3 percent ISO
Geometry	d/0 diffuse illumination