



Opacity Reflectometer

C84-III Opacity Reflectometer produced by our company is a special instrument developed to conduct the International and National Standards for coating materials, pigments, inks and other chemical industrial products. It is applicable to determine the reflectance and hiding power (contrast ratio) of paint films.



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Working Principle

It consists of probe, main instrument, standard panels (black and white color for each), working ceramic panels (black and white color each two) etc. The probe is using 0° irradiation 45° receiving principle. During measuring, the reflect light beam from the specimen will react to the surface of silicon photoelectric cell, and a telegraphic dispatch will be produced from the surface and transmits to the DC amplified, then amplified, then digital display occur (for more details see light path principle sketch).

Indicating value is proportional to reflective light intensity of measured surface.

Technical Specification

| | |
|-----------------------|---------|
| Model | C84-III |
| Range of measurement | 0~100 |
| Measurement precision | 1.5% |
| Gross weight | 3.82kg |

Ordering information

| | |
|---------|-----------------------|
| Model | Name |
| C84-III | Opacity Reflectometer |



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