

## Opacity Meter Model RT-6000

### Quick, Easy Measurement of Relative Opacity for Film and Packaging Products

Ideal for the laboratory or plant floor, the Opacity Meter model RT-6000 is a simple to use, off line instrument that indicates relative opacity of plastic film, paper, laminates, printed packaging and other materials. With a single pass of the light source through your material, the system measures relative light transmission on a scale of 0 to 100 Opacity Units, representing perfectly transparent to purely opaque materials, respectively.

Opacity Meter model RT-6000 Improves Product Quality, Controls Cost of Colorants The RT-6000 Opacity Meter is an invaluable quality-control tool that will help you:



- Meet customer opacity standards and ensure on spec products Inspect incoming film or paper products for use in secondary operations
- Quickly match opacity to standard for rapid and accurate startup and operation of production
- Perform competitor packaging analysis
- As it helps you control opacity quality, the RT-6000 also saves you money on colorants, inks and other additives – among the most expensive components in the production of plastic film and other packaging materials.
- The RT-6000 Opacity Meter will allow you to more cost-effectively evaluate, select and adjust your use of colorants. You can be sure you're using just the right amount to meet your customers' standards.

#### RT-6000 Opacity Meter Advantage

RT-6000 Opacity Meter offers numerous advantages:

- Easy to Use
- Built for intuitive operation, this opacity meter is simple to use, minimizing the chance of operator error. It's small, lightweight and portable. And it features potentiometer calibration, requiring infrequent calibration, and a large digital display for easy legibility.
- Rugged Construction
- The RT-6000 is durably constructed with metal enclosure, lid and hardware. It also features improved electronics and mechanical design.
- Convenient to Service
- Replacing the occasional bulb is a quick job, thanks to the simplified design of the RT-6000's easy-to-remove top panel.
- Traceable to Industry specifications
- You can be confident of the Opacity Meter model RT-6000's ability to help you meet the most demanding customers' standards. This meter is indirectly traceable within each color class to the Flexible Packaging Association's Specifications B-2.
- Exceptional Value
- Best price-performance ratio of any opacity meter on the market!
- Significant Features & Specifications of RT-6000 Opacity Meter
- Mode of Operation
- Off-Line relative opacity measurement
- Materials
- Plastic film, paper, semitransparent and opaque materials
- Measurement System
- Visible light source, Photoelectric detector

Measurement Range	0 – 100 Opacity Units
Specimen Opening	30 mm x 50 mm
Measurement Area	20 mm x 40 mm
Resolution	1.0 Opacity Units
Power Requirements	115 VAC, 60 Hz/other voltages on request
Dimensions (HxWxL)	4 in (9 cm) x 9 in (22 cm) x 10 in (26 cm)
Weight	6 lb (3 kg)