

# Octagon Solutions



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## Opacity Tester

The Opacity Tester is a specialized instrument designed to measure the opacity or transparency of various materials, including paper, plastics, and films. This precise tool is essential for quality control in manufacturing and research environments, ensuring that materials meet specific standards for opacity.



### Key Features:

- **High Accuracy:** Provides precise opacity measurements with reliable results.
- **User-Friendly Interface:** Easy-to-read digital display and intuitive controls for straightforward operation.
- **Durable Construction:** Made from high-quality materials to ensure long-lasting use in industrial settings.
- **Versatile Applications:** Suitable for a wide range of materials, including paper, plastics, and films.
- **Consistent Performance:** Ensures reliable and repeatable results for quality assurance.

## Technical specification:

- Compact tabletop model.
- Reference Standards: ASTM D 1746 / IS 4985
- New version as per amendment of standard IS : 12235 (PART 3) 2004.
- Digital display with direct % reading facility.
- The light source used as an incandescent lamp works between 540 nm to 560 nm.
- Power Requirement: 220/230 V AC, 50 Hz Single Phase.

## Applications:

- **Paper Industry:** Measures the opacity of paper and paperboard to ensure quality.
- **Plastics Industry:** Assesses the transparency of plastic materials for packaging and other applications.
- **Film Industry:** Evaluates the opacity of films used in packaging and manufacturing.
- **Research and Development:** Used in laboratories for material testing and quality control.

## How to Use:

1. Place the sample material in the testing area.
2. Adjust the settings according to the material type.
3. Start the test and monitor the digital display for results.
4. Record the opacity value displayed on the screen.

## Maintenance Tips:

- Keep the testing area and digital display clean.
- Calibrate the device periodically to maintain accuracy.
- Store in a dry and clean environment to prevent damage.

## Why Choose Us?

- **Expertise:** Over 25 years of experience in the printing industry.
- **Innovation:** Commitment to modern technology and continuous improvement.
- **Quality Assurance:** Rigorous quality control processes to ensure product reliability.
- **Global Presence:** Serving clients worldwide with 24/7 customer support.

### Digital Bursting Strength Tester (Double Head)



**For more information or to place an order, contact us at:**

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**Feel free to adjust the specifications and features according to the actual product details provided by your manufacturing team.**