

# Opacity Meter LOM-A10



## Opacity Meter LOM-A10

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Opacity Meter LOM-A10 is a portable unit with 0 to 100 % opacity measurement range, complies with international standards. It has microcomputer control system which accurately determines the opacity of the test sample. Additional features like data measurement, data storage, searching for data etc. are incorporated for further convenience. It is suitable for laboratory use, research institutes and also industrial purpose.

## Features

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- Easily portable due to light weight and compact design
- Works immediately after switched on, doesn't require warm up
- 1 inch digital display screen to view and pre-set parameters
- Displays battery life, measured opacity value, various statistical value
- Automatic calculation of reflectance value
- Auto calibration mode includes black standard board and white standard board calibration
- USB interface to transfer data
- Works on 1.5V alkaline battery which can last for 60 hrs
- Stable light source
- Automatically switches off if not used for more than 2 minutes
- Easy to operate and analyse results
- Requires least maintenance
- Durable, long lasting metal design
- Complies with ISO 2814, ISO 3906, ISO 6504 BS 3900 and DIN 55984

## Applications

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It measures opacity of gaseous emissions, metalized films, ceramics and many other materials. It is widely used in laboratory, research institutes and industries.

## Specifications \_\_\_\_\_

<b>Model no.</b>	<b>LOM-A10</b>
Measurement Range	0 to 100 %
Display	LCD screen
	Size: 23 × 48 mm
Resolution	± 0.1%
Repeatability	± 0.2%
Reproducibility	± 0.5%
Working angle	45°(irradiate) / 0°(Receive)
Environment condition	Temperature: 0°C to 40°C
	Relative humidity: less than 85%
Window size	12 × 17 mm (Oval)
Power supply	1.5 V alkaline battery or rechargeable battery
Operating voltage	0.8 V to 1.5 V
Dimension	114 × 32 × 64 mm
Net Weight	300 g

## Standard accessories \_\_\_\_\_

<b>Accessories no.</b>	<b>Name</b>
1	Black Crystal Board / White Ceramics Board
2	Lens Cloth
3	Paper Box
4	Portable case