

# Colorimeter

LCOM-A10



Colorimeter LCOM-A10 is a durable photoelectric colorimeter with benchtop design. Equipped with specific light filters of the visible range (420 to 660 nm) to measure the concentration and determine the color. Its three digit LED display shows Transmittance and Absorbance values.

### Features

- Optical system with lamp, heat absorption filters, lens, and diaphragm
- Coarse and Fine focusing control knobs
- Silicon photo cell detector
- User-friendly operations

### Applications

Used to detect and measure colored compound concentration and intensity of a variety of materials like chemical solutions, food ingredients and others.

### Specifications

| Model No                           | LCOM-A10                                 |
|------------------------------------|--|
| Wavelength Range                   | 420 nm to 660 nm                         |
| Filter                             | 420 nm , 470 nm ,530 nm ,620 nm , 660 nm |
| High stability and reproducibility | ± 5 nm                                   |
| Economy                            | Consumes only 1.5ml of reagent           |
| Detector                           | Silicon Photo-cell                       |
| Photoelectric Range                | T % : 0 % to 100 %,                      |
|                                    | ABS : log T 0-2                          |
| Photoelectric Accuracy             | ± 2 T                                    |
| Light Source                       | 6V 0.5 A tungsten lamp                   |
| Display                            | LED three-digit display                  |
| Power Supply                       | 110 V or 220 V AC 10 W                   |
| Dimension                          | 280 × 220 × 122 mm                       |
| Weight                             | 3 kg (body only)                         |