



**DM30 Series**

**Black-White Densitometer**

## DM30 Series—Technical Specifications

### Product Introduction

DM3000 series black-white densitometer is used for measuring the blackness of films; it has advantages of accurate reading, high stability, strong anti-interference capacity, attractive appearance and easy operation. It can be widely applied to the fields such as nondestructive testing, sensitive materials, printing industry and medical industry etc. each unit is equipped with density tablet and calibration software for testing its accuracy.

### Technical parameter

Density Range	D=0.00—4.50 (DM3010A) D=0.00—5.00 (DM3011)
Repeatability	±0.02
Measuring Error	±0.02 (0.0<D≤2.0) ±1% (2.0<D≤4.0) ±0.05 (4.0<D≤5.0)
Power	50 ~ 60Hz, 100V-120V or 200V-240V
Power Dissipation	25W
Aperture Size	Dia. 2mm
Display	Three digital display
Light Source	27pcs LED
Sampling Time	0.8 s
Communication Port	RS232 Port, optional USB connection
Working Environment	Temperature 0 °C~40 °C, Relative humidity(RH)≤85%
Dimension	260×265×110 (H×W×L)
Weight	2.1kg

### Demonstration of Calibration



The users can calibrate the densitometer by their selves with our calibration software and standard step density tablet.