

Optical Density Meter AT-175D3-D6

Product Descriptions

Optical densitometer is mainly used to measure the optical density and transmittance values of materials, mainly applicable to the measurement of the following three categories of materials:

- * Light transmittance of various diffuse transmission materials such as opal, fog, frosted surface
- * Absolute optical density measurement of X-ray film, aluminum film and other materials
- * Measurement of absolute optical density, relative optical density and dot area rate of various film

Product Features

- The diffuse transmission light path is designed to meet the test requirements of fog materials.
- Equipped with a fixed base and support, with two measurement methods.
- Can measure light transmittance, absolute light density, relative light density, dot area rate.
- Suitable for film, patterned glass, mist glass, ceiling lamp cover, coating materials and other optical density and transmittance test.
- Suitable for production, quality inspection, inspection and other occasions.



Product Specifications

Transmittance measurement accuracy	±1% (1% - 100%)
Optical density measurement range	D3: 0.00 - 3.00 D4: 0.00 - 4.00 D5: 0.00 - 5.00 D6: 0.00 - 6.00
Dot area rate measurement range	0 - 100%
Optical density resolution	0.01 OD
transmittance/ point area discrimination rate	D3:0.01 D4:0.01 D5:0.001 D6:0.0001
Measurement accuracy	±0.02
Optical hole size	5mm
Light source	LED (D65)
Weight	about 975 grams (including battery and fixed support)
Power supply	4*1.5AAA battery
Size	host: 140*70*30mm Sensor: 136*φ37

Standard Accessories	Host
	Manual
	Carrying Case
	Fixed support
Optional Accessories	RS-232 wire, Bluetooth, Bluetooth printer, Test fixed bracket

