

Spectrodensitometer SD-110



Description

Spectrodensitometer SD-110 measures the density of a sample which is only a measure of the absorbance of ink, film processing, and textile and dyeing printing at 400 to 700 nm wavelengths range of light.

It is a compact, portable, and cost-effective device. We offer global standards for 45/0 geometry of a transmission densitometer, including the transmission of the light source, allowing accurate measurement.

Spectrodensitometer is used for color measurement and quality control, especially suitable for the measurement and quality control of optical density and dot enlargement in ink printing. Accomplished measuring densities within 0.01 D. Customize 2 mm, 4 mm, and 8 mm single aperture, can measure observer at 2°/10° and offer temperature control to one of the widest in the industry giving you the correct temperature for your measurement application.

Technical:

Model	SD-110	SD-120
Wavelength Range	400 to 700 nm	
Geometry	45/0	
Light Source	Combined LED Light, UV Light	
Spectral Separation Device	Concave Grating	
Detector	256 Image Element Double Array CMOS Image Sensor	
Half Bandwidth	10 nm	
Density index	Density value, density difference, dot area, dot enlargement, overprint, printing characteristics, printing contrast, tone error and gray level	
Observer	2°/10°	
Repeatability	0.01 D	
Measurement Mode	Single Measurement, Average Measurement	
Display	3.5-inch TFT color LCD	
Storage Temperature	0 to 40°	
Operating Temperature	-20 to 50°	
Storage	10000 pcs	20000 pcs
Interface	USB	
Certifications	ISO, CIE	
Batteries	Li-ion battery	
Dimension	184x77x105 mm	
Weight	600 g	
Electrical Requirement		
Catalogue No.	1502005-04	1502010-04

Shipping:	2 - 3 weeks Delivery.
measuring_angle:	-
source:	Combined LED Light, UV Light
aperture:	-
detector:	256 Image Element Double Array CMOS Image Sensor
geometry:	45/0

repeatability:	0.01 D
measurement_range:	-
resolution:	-
wavelength:	400 to 700 nm
model:	SD-110

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