



Portable spectrophotometer LD-LSP-A20

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Overview

Portable spectrophotometer LSP-A20 is adopted with every test calibration ETC technology, where the standard white boards included in the optical system for reliable, accuracy of every measurement. The pulse xenon lamp is used for measurement of UV samples with wide wavelength range. Its Built-in camera helps to view measured area precisely. The automatic gloss compensation technology helps in measurement data for the surface of different gloss.

Features:

- 2.8 inch TFT touch screen
- Built-in camera to view measured area
- High capacity rechargeable lithium-ion battery
- CLED light source for measurement accuracy
- SCS system for measurement repeatability
- Simultaneous measurement of SCI & SCE
- Equipped with gloss compensation technology
- USB & Bluetooth data transmission
- Customized for PANTONE color matching technology
- Large storage capacity
- Connection to mini printer for printing

Applications:

Portable spectrophotometer has applications in textile, plastic, food, paint, printing, automobile industries, laboratories & on-site applications for quality control purpose.

Specifications:

Sensor	Dual light path sensor array
Weight	550 g
Display	True color TFT touch screen
Interface	USB, Bluetooth
Color space	CIE-L*a*b, L*C*h, L*u*v, XYZ, Yxy, Reflectance, hunterlab, munsell Mi, CMYK, RGB, HSB
Data storage	100 test samples , 200 measurement records for each sample
Light source	A, C, D50, D65, D75, F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12, DLF, TL183, TL184, NBF, U30, U35, CWF
UV light source	Included

Measurement time	2 seconds
Wavelength range	360-740 nm
Dimension (L*W*H)	181 × 73 × 112 mm
Observation angle	2°/10°
Measuring aperture	8 mm
Half spectral width	5 nm
Wavelength interval	10 nm
Data being displayed	Reflective graph/value?sample's color values ?color difference values/graph?pass/fail results,color error tendency?color simulation display measurement area?history data color simulation?manual input standard sample generate measurement report
Color matching system	Matches
Light source longevity	10 years, 3 million tests
Work temperature range	0 to 45?, relative humidity 80% or below(at 35°C),no condensation
Illumination light source	Pulse Xenon Lamp
Measurement time interval	2 seconds
Size of integrated sphere	40 mm, alvan diffused reflection surface coating
Storage temperature range	25? to 55? relative humidity 80% or below(at 35°C),no condensation
Reflectivity range & resolution	0 to 200%, 0.01%