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a brand by bionis

ASPIRE
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Reference: BS147.003

PROVIDOC DD80

LED Technology HPTLC documentation system

White (LED), UV light at 254 nm (tube), 310 nm (LED), 345 nm (LED) and 366 nm (LED)
Low energy consumption thanks to LED lamps
Light intensity adjustment
With UV safety switch
Pull-out drawer for easy positioning of your samples
High-resolution digital camera
USB-C Connection
Acquisition and documentation software argusX2 incl. database
Integrated user management
GLP-conform image acquisition with date and time
Extensive image processing possibilities
21 CFR Part 11 compliant including a complete system audit trail by additional module

The ProViDoc DD80 is a high-performance documentation system with brilliant recording quality. The workstation consists of a dark hood with different light sources, a camera for taking high-resolution images, a documentation top for guaranteeing the optimal distance between camera and sample as well as a software for controlling the system and saving the recorded images.
The UV Tubes and LEDs are arranged symmetrically in the Providoc DD 80 for different light sources and guarantee the homogeneous illumination. When the drawer is opened, there is an automatic UV cutoff for safety reasons.
A special white light LED is fitted in the base for transmitting light applications. It is now possible to examine individual wavelength ranges.
You can choose between 310 nm, 345 nm and 366 nm, or use all three wavelengths together for your test.
The spectrum of the original fluorescent tube can be reproduced using LED technology (all 3 wavelengths active). This allows you to work according to laboratory requirements and subsequently detect the wavelength more accurately.

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LED TECHNOLOGY HPTLC DOCUMENTATION SYSTEM PROVIDOC DD80

TECHNICAL SPECIFICATIONS

Providoc DD80

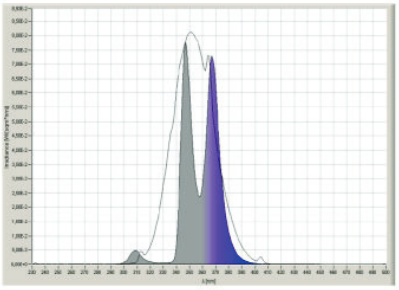
Detection area: 200 x 200 mm
Dimensions (W x H x D): 400 x 500 x 440 mm
Weight: 11.3 kg

Light sources:

2x UV tube 254 nm
4x UV LED 310 nm
2x UV LED 345 nm
2x UV LED 366 nm
4x white LED
1x white LED transmission

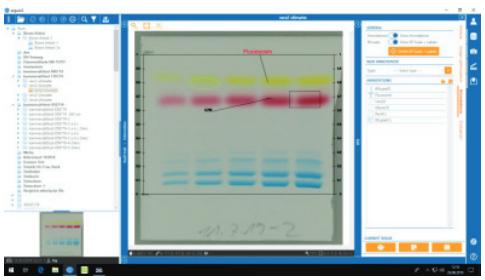
Camera:

Digital mirror reflex camera
Resolution of 24 MPixels
Light sensitive lens F 2.8
Autofocus



REFERENCES FOR ORDER

Reference	Description
BS147.003	HPTLC documentation system PROVIDOC DD80 - 230V
BS147.004	HPTLC documentation system PROVIDOC DD80 - 110V
BS150.030	Module 21 CFR Part 11
BS140.066	Documents: IQ/OQ for PROVIDOC DD80
BS140.085	Validation plate for documentation system



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