DeNovix®

3 YEAR WARRANTY
DeNovix Guarantee

DS-C Cuvette Spectrophotometer

- Android™ OS with Intuitive EasyApps®

- Outstanding Sensitivity and Flexibility

- Powerful, Versatile Data Handling

- Optional Fluorescence module

Intuitive, Compact, and Stand-Alone

The DeNovix DS-C Spectrophotometer offers outstanding dynamic range, sensitivity, flexibility and ease-of-use. Built-in EasyApps and our breakthrough Android operating system make the DeNovix DS-C easy to learn and quick to use. The instrument is ready right out of the box - no PC setup or software installation is required. Make absorbance measurements utilizing application-specific EasyApps. Easily build and save your own applications using powerful, yet simple, custom method apps. The DS-C, like other DeNovix Spectrophotometers, also includes user account management, built-in email and free software updates for the life of your instrument.

Nucleic Acid Quantification
0.04 to 750 ng/µL dsDNA

Protein and Peptide Quantification
0.002 to 37.5 mg/ml BSA

Colorimetric Assays
Bradford, BCA, Lowry, Pierce 660

Kinetic Assays
Fully customizable, 37-45°C

OD600 Microbial Cell Cultures
Optical density and cell/mL calculations

Connect to Your Results

Built-in Wi-Fi, USB and Ethernet connectivity provide researchers a wide range of options to share, save and review data to suit all needs. Easily export results to e-mail, network drives and printers, USB drives, LIMS systems and label printers.

Wi-Fi & Ethernet Connection
Safe and easy network integration

Export Options

Email

USB

Network and label printers

Network Drives

Powerful

Data Storage and Searching

Automatically store millions of sample results onboard the DS-C. The powerful and intuitive Data App enables searching by application, date, user and application. Archived data can be viewed onscreen, used to generate custom reports and graphs and exported.

Compatible

Multiple Pathlengths

The DS-C is compatible with standard quartz or plastic cuvettes with an industry-standard 8.5mm z-height. Select from standard, semi-micro cuvettes and specialized microvolume cuvettes from Starna or Hellma. Pathlengths of 1, 2, 5 and 10 mm can be selected in EasyApps, providing assay flexibility and extended dynamic range.

Flexible

Upgrade to Fluorescence

Easily upgrade the DS-C at any time with the FX Module to add a best-in-class fluorometer. Use the DeNovix EasyApps software to choose from pre-installed DeNovix dsDNA Fluorescence Quantification assays, commonly used Qubit® and Promega® assays, or easily create and save custom assays.

Free Trial Program

DeNovix offers free one week evaluations for customers who wish to test the DS-C in their lab. Please visit www.denovix.com for program terms and to submit a free trial request.

FX Module: Easy, affordable USB upgrade to add fluorescence applications

Specifications

Spectrophotometer

Beam Height	8.5 mm
Light Source	Pulsed Xenon flash lamp
Detector Type	2048 element CCD
Wavelength Range	190-840 nm
Wavelength Accuracy	0.5 nm
Absorbance Precision	0.002 AU(0.5 mm) or 1%, whichever is greater
Absorbance Accuracy	1.5% at 0.75 AU at 260 nm
Spectral Resolution	1.5 FWHM @253.65 nm
Absorbance Range	0.0008-1.5 AU (1 cm)
Heating	37 - 45°C
Pathlength	Up to 10 mm
Detection Limit	0.04 ng/µL dsDNA (1 cm)
	0.002 mg/mL BSA (1 cm)
Maximum Concentration	750.0 ng/µL dsDNA (1 mm)
	37.5 mg/mL BSA (1mm)
Measurement Time	2 seconds
Power consumption	10 W (max 30 W)
Contaminant Detection	SmartQC™ Sample Guidance

Onboard Controller

Operating System	Custom Android OS
CPU	TI OMAP Dual Core ARM Processor
Display	1280 x 800 high definition color display
Touch Screen	7" high definition
Gesture Recognition	Multipoint touch, swipe, pinch
Glove Compatibility	All common lab gloves
Internal Storage	32 GB Flash Memory
Audio	Built-in speaker
Connectivity	Wi-Fi, Ethernet, 3 USB ports
Accessories	USB printer, barcode reader, keyboard, mouse

General

Weight	1.5 kg
Footprint	27 x 20 x 10 cm
Operating Voltage	12 VDC
Approvals	UL/CSA, CE, FCC, Japan CAB
Manufacture Location	USA
Warranty	Three Year Standard

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