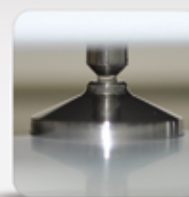
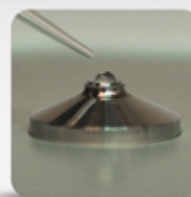


Easy just got **Easier**

The DS-11 by DeNovix takes the world of microvolume spectrophotometry to a whole new level. With its compact, stand-alone design it is not tethered to a PC and has no software to load. Just turn it on and it is ready to go. Busy labs will love the 4 second measurement time and time-saving AutoRun function.



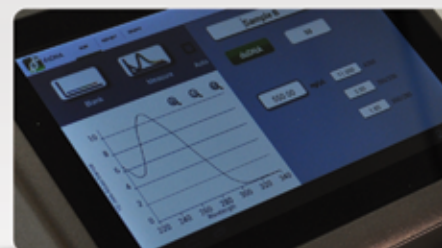
Patent Pending



Full-Spectrum Analysis

The DS-11 is a UV-Vis spectrophotometer that enables absorbance measurements of 0.5 to 1.0 μ l samples. The 190 to 840 nm full spectrum capability makes it an ideal choice for many UV-Vis applications as well as for protein and nucleic acid quantification. Just pipette and measure.

It's that simple!



Broadest Concentration Range

With SmartPath® technology, the DS-11 automatically adjusts the microvolume pathlength to accommodate samples with absorbances from 0.04-500 AU (1 cm path equivalent). No other spectrophotometer on the market can measure such high concentrations. This capability yields an effective range of 0.10 mg/ml - 750 mg/ml BSA and 2.0 - 25,000 ng/ μ l dsDNA!

EasyApps® Software



Protein A280



Labeled Protein



Colorimetrics



dsDNA



RNA



ssDNA



Microarray



UV-Vis



OD-600



Kinetics

Researchers will love the DS-11's easy-to-use software. Our team of experienced life scientists designed each app for optimal function to streamline your workflow.

Features include:

- Open apps with a simple touch of the finger
- Switch between apps without closing
- Add password protected accounts
- Save new protein & dye types for quick recall
- Add unlimited number of custom methods
- All data auto-saved with easy export

Android™ Control



The DS-11 includes a built-in Android™ operating system with intuitive pinch, swipe, and multi-touch navigation. See results clearly with the full color, high resolution touch screen. The wide viewing angle and lab glove compatible screen provide a true tablet-like experience.

One-Week Free Trial

Try the DS-11 with a no obligation one week trial. DeNovix takes care of shipping to and from your lab. Just sign up and be ready to use it when it arrives. Scan the QR code to request a unit today (US customers only).



Two Model Choices

Select the DS-11 for microvolume samples or the DS-11+ for both microvolume and cuvette based measurements. The DS-11+ includes a cuvette heater, providing flexibility for kinetics at any temperature set-point from 37 to 45° C.

Additional Features

The DS-11 includes built-in Wi-Fi, ethernet and 3 USB ports. Transfer data through your network or directly to a USB drive. For added convenience, print a report to the optional USB printer or scan sample barcodes with the optional barcode reader.

No Recalibration

Our proprietary SmartPath® technology enables remarkably accurate pathlength control and eliminates the need for routine calibration. In addition, our optimized flash lamp performance ensures many years of worry-free operation.

Specifications

All Models - Microvolume Mode

| | |
|-----------------------------|---|
| Minimum Sample Size | 0.5 µl |
| Pathlength | 0.5 mm (auto ranging to 0.030 mm) |
| Light Source | Pulsed Xenon flash lamp |
| Detector Type | 2048 element CCD |
| Wavelength Range | 190 - 840 nm |
| Wavelength Accuracy | 1 nm |
| Absorbance Precision | 0.001 AU or 1%, whichever is greater |
| Absorbance Accuracy | 2% at 0.75 AU at 260nm |
| Absorbance Range | 0.04 - 500 (1cm equivalent) |
| Detection limit | 0.10 mg/ml BSA; 2.0 ng/µl dsDNA |
| Maximum Concentration | 750 mg/ml BSA; 25,000 ng/µl dsDNA @ +/- 3% |
| Measurement Time | Less than 4 seconds |
| Footprint | 20 cm X 33 cm |
| Weight | 2 kg |
| Lower Sample Pedestal | 303 stainless steel, sapphire window |
| Upper Sample Pedestal | 303 stainless steel and quartz fiber |
| AutoRun Function | Yes with electromagnetic arm position relay |
| Operating Voltage | 12 VDC |
| Operating Power Consumption | 10 W (max 30 W) |
| Approvals | UL/CSA, CE, and FCC |
| Manufacture Location | USA |

DS-11+ Model-Cuvette Mode

| | |
|-----------------------|-----------------------|
| Beam height | 8.5 mm |
| Heating | 37 - 45° C +/- 0.5° C |
| Pathlength | 10, 5, 2, 1 mm |
| Detection Limit | 0.10 ng/µl dsDNA |
| Maximum Concentration | 750 ng/µl dsDNA |

Onboard Controller (No PC required)

| | |
|---------------------|--|
| Operating System | Custom Android™ OS |
| CPU | TI OMAP Dual Core ARM Processor |
| Display | 1280 X 800 high definition color display |
| Touch Screen | Projective capacitive |
| Gesture Recognition | Multipoint touch, swipe, pinch |
| Glove Compatibility | All common lab gloves |
| Internal Storage | 8GB flash memory |
| Audio | Built-in speaker |
| Connectivity | Wi-Fi, Ethernet, 3 USB ports |
| Accessories | USB printer Barcode reader |

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