

Microvolume Nucleic Acid Spectrophotometer

Microvolume nucleic acid measurement at 260 and 280 nm using selectable optical path lengths. Standalone touchscreen operation supports rapid small-volume testing.



Technical Information

Wavelengths	260 / 280 nm
Sample volume	0.5-2 µL
Optical path lengths	0.03 / 0.05 / 0.2 / 1.0 mm
dsDNA concentration range	2-15000 ng/µL
Measurement time	<6 s
Absorbance accuracy	±1% (7.332 Abs; 260 nm)
Equivalent absorbance range	0.04-300 A (10 mm)
Light source	LED
Display	7 in
Communication	USB
Electrical supply	24 V DC
Power	25 W
Standby power	5 W
Dimensions	200 × 260 × 165 mm

Technical Information

Net weight	4.5 kg
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Standard Configuration

The instrument configuration and supplied accessories must be itemized in the quotation. A feature described here does not imply that every accessory pictured is included.

Optional Configuration

Accessories, consumables, printer supply and application-specific options are included only when expressly itemized in the quotation.

Selection and ordering

State the PRECETTA model, application, selected configuration, quantity and destination. Download the complete PDF for all verified specifications and configuration details. Confirm site utilities and sample compatibility before ordering.

Technical Information

LED illumination, UV silicon detector and four optical path lengths are documented. Android touchscreen operation, USB data output and an integrated printer are described. Confirm the supplied OD600 cuvette and fluorescence modules, calibration and reagent-kit requirements before including these functions in an application specification. The dsDNA fluorescence sensitivity claim is not used as the UV absorbance detection range.