



# Colibri UV

## Automate Your DNA QC

### Technical Specification

Measurement Principle	UV optical density (OD) measurement
Wavelengths	230, 260, 280 and 340 nm
Pathlength	1mm
Sample Volume	10µl (recoverable)
Concentration Range	2 to 1,500 ng/µl for dsDNA, and 2 to 800 ng/µl for RNA
OD accuracy (260 nm) @ >10ng/µl	≤2.5 %
OD precision (260 nm) @ >10ng/µl	≤2.0 %
Acquisition Time	1 sec
Measurement Time, 96 Sample Plate	5 min
Tip Compatibility	Most 20...200µl disposable tips, different brands
Light Sources	LED
Detector Type	Photodiode
Dimensions	Body (WDH): 136 x 96 x 83 mm (5.4 x 3.8 x 3.3 inch) Base Socket (WD): SBS format, 128 x 85 mm (5 x 3.3 inch)
Weight	0.500 kg (1.1 lbs.)
Communication Interface	USB Type-C (USB 2.0)
Software Interface	API and command line executable
Power Supply	Universal AC-DC adaptor Input 85 - 264 VAC Output: 24 VDC / 18 W 3 pole AC inlet (IEC320-C14)
Power Interface	2.1 x 5.5 x 11 mm DC Power Plug
Operating Voltage	24 VDC
Power Consumption	Operating: 4 W max, Standby: 0.85 W

### Ordering information

Product Number	1002653
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Find out more at [blog.hseag.com/oem-component-measures-sample-quality](https://blog.hseag.com/oem-component-measures-sample-quality)

The Colibri test unit is for evaluation purposes only and is not yet certified to all applicable regulations and standards. It was tested according to and conforms with the following regulations and standards of the EU and the US