

# Spectrophotometers

The **Aquanova** offers a simple and effective solution for environmental and water testing. The fully open system, based around 400 programmable methods, is compatible with reagent kits from the widest range of suppliers.

<b>Wavelength range</b>	320 - 1000nm
<b>Resolution</b>	1nm
<b>Accuracy</b>	±2nm
<b>Spectral bandwidth</b>	8nm
<b>Transmittance</b>	0 - 199.9%T
<b>Absorbance</b>	-0.300 - 1.999A
<b>Concentration</b>	-300 - 19999
<b>Calibration</b>	Up to 6 Standards
<b>Test methods</b>	400
<b>Light Source</b>	tungsten halogen
<b>Readout</b>	Dot Matrix
<b>Outputs</b>	Analogue (0 -1.999V d.c.)RS232
	serial port
<b>Input Voltage</b>	115/230V a.c. - 20% +10% 50/60Hz
<b>Input Power</b>	<50W
<b>Size (w x d x h)</b>	365 x 272 x 160 mm
<b>Weight</b>	6kgs



Product no.	Description
<b>13910/04</b>	Aquanova is supplied with a pack of reaction vials, mains lead, reaction vial holder and instruction manual

The **Gennova** Life Science Analyser is dedicated to DNA/RNA and Protein analysis. Operation is quick and simple and all routinely used DNA calculations are pre-programmed

<b>Wavelength range</b>	198- 1000nm
<b>Resolution</b>	1nm
<b>Accuracy</b>	±2nm
<b>Spectral bandwidth</b>	5nm typical @ 270nm
<b>Ranges</b>	0 - 199.9%T -300 - 9999A - .0300 - 9999A -300 - 1999Conc.
<b>Resolution</b>	0.1%T, 0.001A, 0.001. 0.01, 0.1, 1 Conc.
<b>Concentration Units</b>	ppm, mg/l, g/l, M, %, blank, mg/ml, µg/ml, nm/ml
<b>Light source</b>	Xenon lamp
<b>Photometric Noise</b>	<0.001A@0A@400nm
<b>Photometric Stability</b>	<0.002A/hr after 30 minutes
<b>Factor</b>	0 - 999.9/1000 - 9999
<b>Readout</b>	Dot Matrix
<b>Outputs</b>	Analogue (0 -1.999mV) RS232
	serial port
<b>Input Voltage</b>	115/230V a.c. - 20% +10% 50/60Hz
<b>Input Power</b>	<50W
<b>Size (w x d x h)</b>	365 x 272 x 160 mm
<b>Weight</b>	6kgs



Product no.	Description
<b>13910/05</b>	Gennova is supplied with a pack of UV plastic cuvettes, mains lead, 10 x 10mm cuvette holder and instruction manual