JENWAY

Technical Bulletin

NEW Product   *Aquanova Environmental Spectrophotometer*

- Dedicated to water & environmental testing
- Open system for use with most test kits
- Up to 300 test methods held in memory
- Test manager offers step-by-step guide
- Includes PC software
- Down load tests from CD ROM or Internet

Aquanova is designed for water testing and environmental applications, complete with an impressive 300 method memory to store all of the standard photometric tests.

Aquanova is an open system and can be used with test kits and reagents from almost any supplier. Test methods can be recalled by browsing alphabetically, from selected index letters, or from a list of the most recently used tests in the Dynamic Journal that is automatically updated each time a test is selected.

Aquanova is supplied pre-loaded with the test methods for Jenway kits, but can be easily programmed either manually, using the instrument keypad, or by down load from the Aqua-link PC software and CD supplied (the latest updates are available for down load from the Jenway website www.jenway.com).

Method Development is also possible on Aquanova as each test method can have up to six calibration standards, ensuring that even test methods with a non-linear response can be catered for.

To ensure optimum performance, Aquanova runs a detailed self-diagnostic and calibration check every time the unit is switched on. Prompts, information boxes and diagnostic codes guide you through all the operational procedures.

Barloworld Scientific

Technical Specification

Ranges	Test Methods Photometrics (Abs / %T)
Test Name	Up to 20 alphanumeric characters
Test Memory	300 methods
Results Memory	50 results
Timer	1 second to 24 hours / 1 second resolution / cal or save on time out
Factor	9999.999 to 0.001
Calibration Curve	Up to 6 standards
Clock	Time (24 hour) and date
Communication	RS232 – PC application software included. Down load tests from PC or website
Wavelength range	320 – 1000nm
Resolution	1nm
Accuracy	±2nm
Bandwidth	8nm
Transmittance range	0 to 199.9%T
Resolution	0.1%T
Stray Light	<0.5%T
Accuracy	±1%T
Absorbance range	-0.300 to 1.999A
Resolution	0.001A
Concentration range	-300 to 19999
Resolution	0.001, 0.01, 0.1, 1
Units	mg/l, g/l, blank, %, ppm, pH, mg/kg, IFZ, HZ, Meq, U/ml, mU/l, µM/l, mM/l, M/l, µg/ml, mg/ml, µg/dl, g/dl, ng/l, µg/l
Photometric noise levels	<1%
Photometric stability	<1%/hr
Readout	Custom LCD graphics
Outputs	Analogue (0 to 1999V d.c.) / RS232 serial port
Light source	Tungsten halogen
Input voltage	115/230V a.c. –20% +10% 50/60Hz
Input power	<50W
Size	365 (w) x 272 (d) x 160 (h) mm
Weight	6Kg

Order Codes:

637 001 **Aquanova** spectrophotometer (320-1000nm) supplied with mains lead, 9 way serial cable (013 203), PC Application Software on CD ROM (603 436) and instruction manual. For use on 230V 50Hz.

637 031 **Aquanova** spectrophotometer (320-1000nm) supplied with mains lead, 9 way serial cable (013 203), PC Application Software on CD ROM (603 436) and instruction manual. For use on 110V 60Hz.