

Cooling Water Analyser



DESCRIPTION

The instrument comprises a body fitted with internal sensing components and a temperature sensor.

6 mm stainless steel couplings are provided so that a sample of the cooling water can pass continuously through the body for analysis of nitrite level.

Results of the analysis are displayed on the LCD display and the data is available externally as a 4-20mA signal for use by a dosing management system such as an Aquanet AQ652, AQ655 or for inclusion into a ships engine room management system.

Data is also available in raw digital format for those companies wishing to write their own protocol handler for OEM software applications.

Calibration:

The calibration potentiometer is available through the front panel and following a cooling water sample drop test the potentiometer can be used to adjust the LCD to agree with the test results.

The LCD continuously displays the level of Nitrite and the sensor temperature.

Power Source:

The user provides an external 12-15 V dc power cube

There are no internal user serviceable parts.

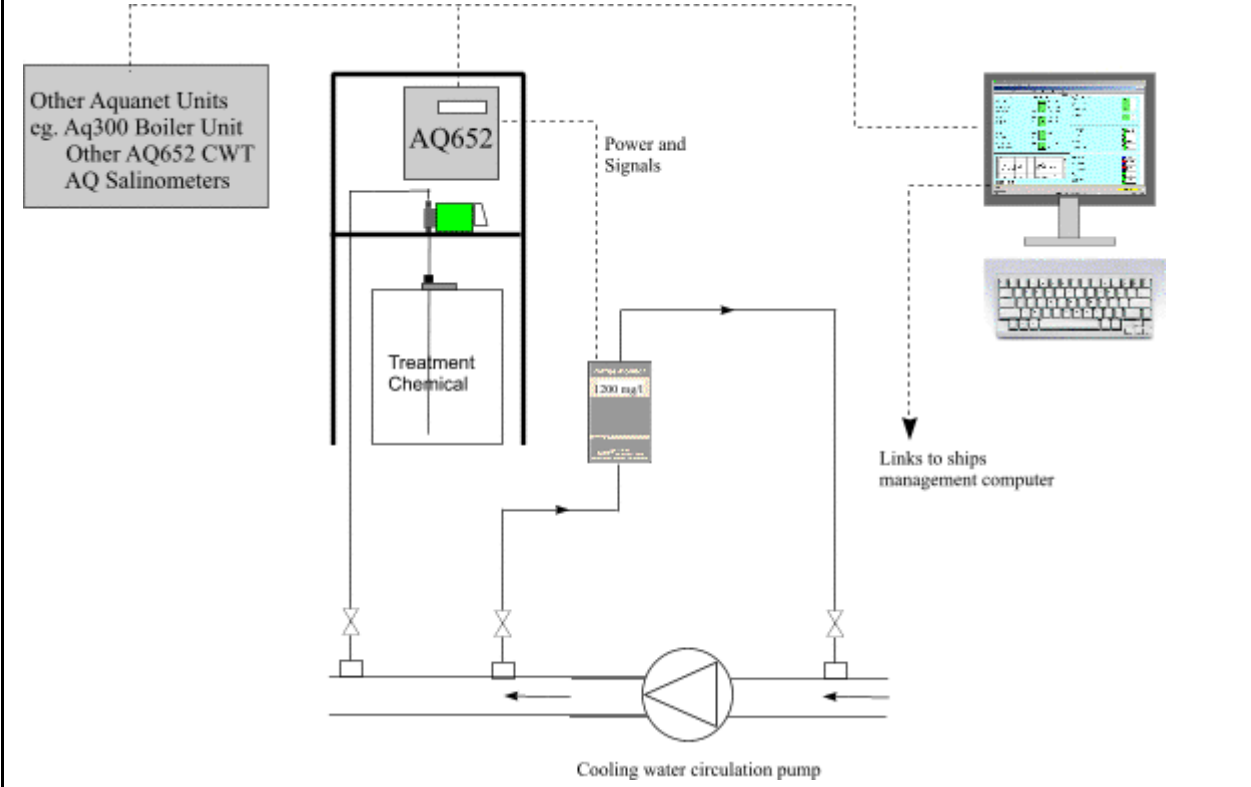
SPECIFICATIONS

Voltage	12 - 15 volts DC @ 250mA	4-20 mA signal	0 –3000 mg/l (as Nitrite)
Cables (The unit has 3 wire connections)	Red +12– 15Vdc Green 0 Vdc Yellow 4-20mA output	Alarms	Instrument status via LCD
Connections	Double Ferrule 6mm Stainless compression	Enclosure	
Measuring Range	0-4500 mg/l	Rating	IP 65
Accuracy	+/- 5% FSD	Dimensions	130 x 56 x 50 mm
Temperature	0-60°C (Requires a cooler for higher temperatures)	Environmental	
Controls	Calibration Potentiometer	Operational temperature	5 to 60°C
		Storage temperature	0 to 35°C
		Storage RH	0-95% non condensing
Flow Rate	0.5—1.5 litres/minute		

Note: All specifications may be subject to change without notice

Sample Applications

Automated dosing and control with AQ652 Cooling Water management system linked to other Aquanet systems AQPro Software with output to ships management system.



Simple monitor with manual dosing and output signal optionally connected to ships computer management system

