

# Ozone Transmitter & Controller

## Ozone Sensor with Sampling Pump

Ozone Transmitter/Controller with Internal Pump for ambient or laboratory research applications. NEMA-2 Enclosure great for applications where computer interface is preferred.



### Features

- Allows active sampling through a Teflon tube employing a vacuum pump
- low & high alarm with control diagnostics
- software included for PC interface
- Provides water ingress protection
- Allows remote sampling from inaccessible areas (eg. Controlled Atmosphere environments)
- Improved performance in pressure and flow fluctuating environments

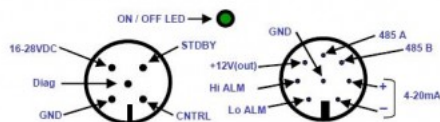
Product ID: **S-940**  
 Lead Time: **1 week**  
 Price: **\$2380**

### Specifications

Power Requirements	24VDC, 500mA (range 22-26 VDC)
Outputs	4-20 mA (opto-isolated), 12-24 V
External signals	4
External signal functions	Low Alarm, High Alarm, Control & Diagnostics
Inputs	Standby toggle
Communication	RS485
Alarm set points	(2) User configurable
RS485 protocol	Aeroqual proprietary product (included)
Removable / replaceable sensor head	Yes
Sampling Pump	12VDC, long life, brushless, diaphragm pump
Enclosure rating	IP41 & NEMA 2 equivalent
Enclosure size	9-in W x 5-in H x 3.7-in D (230 W x 140 H x 95 D mm)
Enclosure casing	Fiber reinforced polycarbonate
Weight	1.2 lbs (1.1 kg)
Approvals	Part 15 of the FCC Rules EN 50082-1: 1997 EN 50081-1: 1992

### S-940 Pin Connections

The connector pin designations are shown in the diagram below.



See the many outputs from the S-940 Ozone Analyzer with internal pump.

### S-940 Software Alarms



Setting the alarm points & control outputs is very simple with the Windows compatible software. Software is included.

### Calibration Certificate - Low Head



Every Aeroqual product comes with its own unique calibration certificate. The customer knows that the accuracy of their sensor has been tested & verified.