

**Q002870**

**C.O. 85723**

The instruction manual included with your analysis system from Teledyne Analytical Instruments describes the standard features of the system. Refer to the manual for information regarding all standard features of the model that you have selected.

In addition, your specific system has been designed according to the needs that you specified at the time of purchase. The information contained in this addendum addresses those needs and supersedes any conflicting instructions and descriptions in the standard instruction manual.

***NOTE: All drawings that relate to your system are at the rear of this manual.***

### **System Overview**

The Model 3000MA Percent Oxygen Analyzer is configured with a Paramagnetic sensor and auto cal valves. This instrument has a general purpose area class.

### **Power Requirements**

This instrument operates from a power source of 220 VAC at 50/60 Hz.

### **Analysis Range**

The Model 3000MA has three user defined analysis ranges of 0-5 to 0-100 Percent Oxygen (O<sub>2</sub>).

### **Signal Outputs**

This Model 3000MA has a signal output of 4-20mA isolated.

## **Addendum for Model 3000MA Percent Oxygen Analyzer**

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### **Software**

The software for this instrument adds hold timers for span and zero calibration; each calibration has its own timer separate timer.

#### **Span Delay:**

By pressing the Span key, the operator accesses the setup mode of the span calibration. After selecting AUTO span calibration the following screen will be the hold timer adjustment:

Span Delay: 5 min.  
<ENT> For Next

The hold time for the span can be adjusted between 1 minute and 60 minutes. Five minutes is the factory default. When changed the value is stored so it can be recovered after power down.

#### **Zero Delay:**

By pressing the Zero key, the operator accesses the setup mode of the zero calibration. After selecting AUTO zero calibration the following screen will be the hold timer adjustment:

Zero Delay: 5 min.  
<ENT> For Next

The hold time for the span can be adjusted between 1 minute and 60 minutes. Five minutes is the factory default. When changed the value is stored so it can be recovered after power down.

### **Reference Drawings**

D74505	Outline Diagram
B74504	Piping Diagram

### **Spare Parts**

A78648	EPROM Software Assembly
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Project Engineer \_\_\_\_\_ Date \_\_\_\_\_