



## HEFER SYSTEMS & CONTROLS LTD.

- WATER & WASTE WATER TECHNOLOGIES
- PROCESS ANALYTICAL EQUIPMENT

The **O3-3000C** is an on-line analyzer built to measure O3 Levels in the range of 0.01–20 ppm in drinking water, waste water and process applications.

The measuring system is potentiostatic based and gives an accurate and stable reading with an auto. temperature compensation.

The reading can be sent through the isolated 4-20 mA Output to any control device, computer or data logging system and 3 SPDT relays can give a local Alarm/control dry contact signal or proportional control signals (PFM or PWM).

A 3 way valve provides both the sampled water and the zero sample for Easy calibration.

Simple one-point calibration can be preformed in the field and takes no longer than 2 minutes.

The Analyzer is provided with an IP-65 enclosure with a clear door and 2 lockers. The controller has the option for Key board lock.



### Technical Specifications:

Parameter	Range/Units/Description
<b>Input</b>	Potentiostatic electrode, temp. sens.
<b>Units/Range</b>	0.01-20 ppm O3
<b>Resolution</b>	0.01, 0.001, scale dependable
<b>Accuracy</b>	+/-2% of the reading
<b>Power Supply</b>	110/220 +/- 10%, 50/60 HZ
<b>Outputs (Control)</b>	2-SPDT, 5A, dry contact (On/Off, PWM, PFM)
<b>Outputs (Alarm)</b>	1-SPDT, 5A, dry contact
<b>Analog Output</b>	Isolated 4-20 mA
<b>Display</b>	LCD, 1X16
<b>Enclosure</b>	IP-65, 350X350X180mm
<b>Electrodes</b>	
<b>Measuring</b>	Potentiostatic, epoxy body, 12mm, 2 platinum
<b>Ref.</b>	Double junction, ceramic
<b>Temp. sensor</b>	Pt 100 ohm
<b>Sample cell</b>	
<b>Body</b>	Acrylic
<b>Temp. range</b>	0-50°C
<b>Flow</b>	Adjustable, 1-100 L/H, (Recommended – 10 L/H)
<b>Inlet/Outlet</b>	6mm/6mm
<b>Process</b>	
<b>Pressure</b>	0.5-7 bar
<b>Temp.</b>	0-50°C