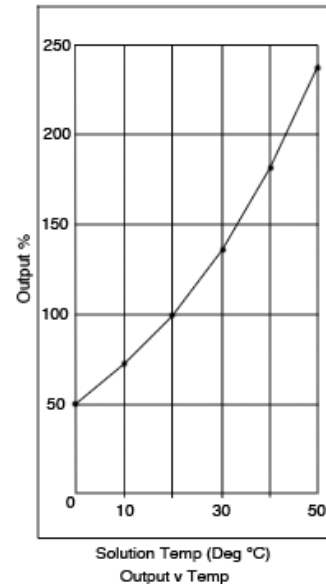




## Dissolved Oxygen Electrodes



**Galvanic DO<sub>2</sub> Probe**  
Output variation with temperature



### Technical Specification

<b>Range:</b>	0-200%
<b>Dimensions:</b>	12mmx120mm
<b>Unit Material:</b>	Teflon, PPS
<b>Temperature Range:</b>	0-50°C
<b>Fill Solution:</b>	Sodium Chloride
<b>Shelf Life:</b>	2 years
<b>Cable:</b>	1 metre low noise
<b>Connector:</b>	BNC
<b>Max Operating:</b>	1 BAR
<b>Output:</b>	Zero mV in sodium sulphite zero solution, 35-55mV in air
<b>Linearity:</b>	This is a straight line
<b>ATC:</b>	Can be fitted on receipt of required value
<b>Lifetime:</b>	2 Years under normal usage

### Polargraphic Dissolved Oxygen Electrode

The polargraphic dissolved oxygen electrode is designed for laboratory measurements and has a standard 12mm 12mm body diameter. In air-saturated water (20.9% Oxygen), the probe has an output of 600nA. The residual output in zero oxygen solution is less than 1% of the output in saturated water.

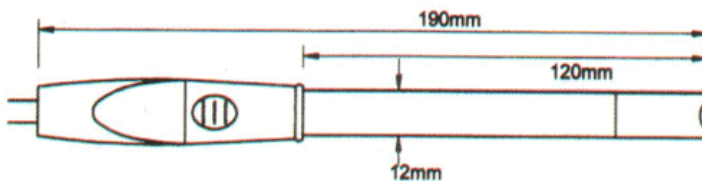
One or two ATC sensors (Thermistor or PT100/1000) may be fitted to customers specific requirements.

Replacing the Teflon membrane is quick and easy. Simply unscrew the old assembly, load the new one with fill solution and screw on to the electrode.

The electrode is supplied complete with 2 membrane assemblies and a 50ml bottle of filling solution.

A 50ml bottle of Zero Oxygen solution is available for calibration purposes.

When ordering replacement electrodes, please specify make and type of instrument for which the electrode is required.



When ordering please specify the following:

- Length of cable required in metres
- ATC element (Th=Thermistor or Pt=Platinum Resistance Element)
- Resistance value of ATC
- Connector Type

**Example:** 601/2m/Th10K/5Pin Din - which would be 601 with 2m cable, 10k Thermister ATC and 5 Pin Din Connector.

### Technical Specification

**Description:** 601/ABCD Polargraphic  
**Output at Saturation:** 600nA ± 25%  
**Output at Zero Oxygen:** < 1% saturation  
**Polarisation Voltage:** 800mV  
**Membrane:** Teflon