

## Simple, low-cost potters' probe

The CP probe is a very simple, low cost oxygen probe with an easy-to-read digital meter displaying oxidation/reduction. It is designed especially for potters or ceramic furnaces users.

This probe is ideal to control both gas and wood-fired kilns.



### KEY FEATURES

- **Cost effective and a highly reliable option**
- **Simplest oxygen probe on the market**
- **High performance, low cost sensors**
- **Available in length of 300mm and 400mm (other length on request)**
- **Based on the ZRO<sub>2</sub> zirconia oxygen sensor. This all-ceramic sensor is the world-wide standard for controlling oxidation and reduction**
- Easy to install and easy to read oxidising/reduction values
- No maintenance on part for hundreds of hours of work (if handled carefully)
- No safety hazard - the maximum a probe can produce is less than a battery!
- Response time < 1.0 second
- Available with thermocouple R-type for temperature up to 1700°C (see CarboProbe CP plus below)

## ***Use of oxygen probes in pottery kilns***

### **As a potter, you need**

- The right temperature
- The right oxidation/reduction
- The least possible fuel consumption.

### **The CarboPorbe CP lets you check**

- The temperature in the kiln
- The oxidation/reduction
- The fuel in the flame

ECONOX supplies 2 different kinds of CP probes

### **CarboProbe *CP***

For the measure of oxygen concentration only

### **CarboProbe *CP* <sup>PLUS</sup>**

For measure of oxygen concentration AND temperature (includes an R-type thermocouple for temperature up to 1700°C)

The advantages of measurement of oxidation/reduction include:

- **Fuel savings** - an economical firing depends on supplying enough oxygen, without waste of energy from heating excess air.
- **Reliable glaze colours** - Knowing the right level of reduction every firing gives you the colors you want, firing after firing.
- **Reduced air pollution** - Use the CP Probe as a guide for stoking wood-fired kilns to reduce wood consumption and unnecessary ash and smoke.

**Don't hesitate to contact us for any further question you might have.**

If you think our CP probe is not the product you are looking for, we invite you to have a look at our website [www.econox.ch](http://www.econox.ch). There surely is a probe in our CarboPorbe range that fits your need.