

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 ZRO₂ 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 CarboPorbe 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^{PLUS} 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. There surely is a probe in our CarboPorbe range that fits your need.