

Route de Miécourt 16 2942 Alle Switzerland

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# LT probe - for use in flues and boilers, below 600°C

#### **Introduction**

The CarboProbe LT is **a low temperature heated probe**, intended for use in flues and boilers where the temperature of the gases is below 600°C. It incorporates a heater to maintain the sensor at its working temperature, even if the gas is at a much lower temperature.







### **Key features**

- Based on the ZRO<sub>2</sub> zirconium oxygen sensor.
- Heater sealed in a stainless steel can, isolating it from corrosive flue gases.
- Porous filter in stainless steel to minimise dust build-up on the sensor.
- Gas inlet for calibration gases.
- Purge facility, to clean the filter in-situ.
- Modular construction for simple maintenance.
- Compact design (diameter of 50mm), allowing installation in small or large flues.
- Integrated K thermocouple, enabling accurate temperature control of the heater.
- Available length: 300mm, 400mm, 500mm, 600mm, 700mm, 800mm, 900mm, 1000mm

## **Specifications**

The LT probe requires a separate instrument panel providing power and temperature control for the heater, purge timing and purge gas.

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

If you think our LT probe is not the product you are looking for, we invite you to have a look at our website <a href="https://www.econox.ch">www.econox.ch</a>. There surely is a probe in our CarboProbe range that fits your need.





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Gas inlet is a 25mm Ø ,15 micron Porous stainless steel fitter xxx in mm 2" or 51mm OD stainless steel tube X Probe are specified as length 2" NPT or BSP Process mount 2 1/2" BSM union 92mm across flats 11 3/4" Swagelock Rererence and Purge Air fitting 1/8" standard 6mm, 8mm available on request 175 Power suppply to the heater Female 4 Pin Cannon Plug All probes come with Male 4 Pin connector, Ready for your cable 100

