

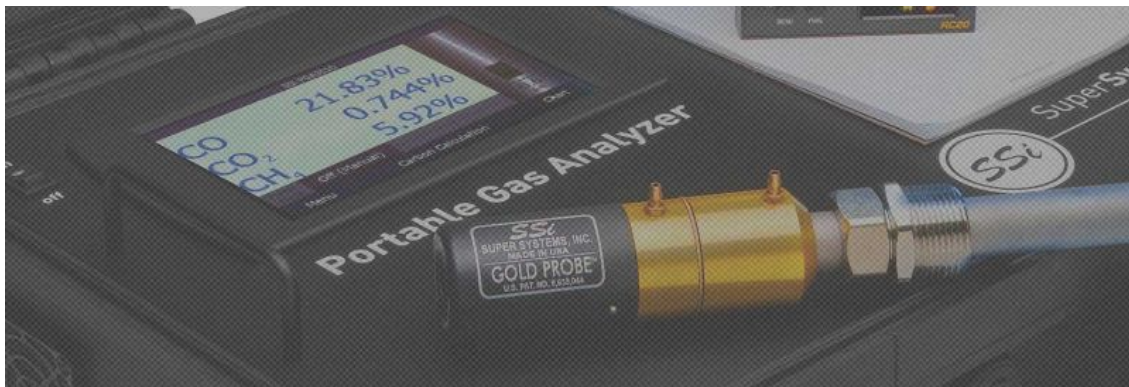
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MEASURE. CONTROL. RECORD.

HEAT TREATMENT FURNACE CONTROL PRODUCTS,
SYSTEMS AND SERVICES.
NEWS BULLETIN WEEK 11



THIS WEEK WE FOCUS ON:

3 Gas Analysis - Why is it so Valuable?

Greater Precision and Reliability for your Carburising Process

The biggest trend we are seeing at the moment is adding permanent [3 gas analysis](#) to carburising furnaces.

While industry norms CQI-9 and NADCAP are driving some of this growth, the practical benefits are easy to understand:

- Increased accuracy and repeatability of process
- Notification of when probe may be failing
- Immediate indication of furnace faults, like air and water leaks
- and recording manual gas samples
- Reduction in manual work, taking
- Potential elimination of foil checks
- Automatic calibration to eliminate audit NCs
- Creates data for process optimisation

We have years of experience with 3 gas analysis and hundreds of installed units, so please ask us for a demonstration if you want to take advantage of the practical benefits on offer.



MGA6010 3 Gas Analyser

Gas analyser for Multiple Zones

Now you can have all the benefits of permanent 3 gas analysis with a fully integrated sampling system for multiple zones!

Our [MZA 3 Gas Analyser](#) connects via comms to either one or two 4 zone Pump Boxes.

Data exchange between the analyser and our furnace controllers mean that the probe signal is corrected every time that zone sees a gas sample.

The system calibrates automatically and alarms if any flows are low, or there are significant errors between the probe and the 3 gas readings.

We can supply these systems in separate enclosures, or we have built them into floor standing cabinets with ventilation and air conditioning if required.



[Click here to read more about Gas analysers for Multiple Zones](#)

Thank you for reading this bulletin. Please contact us with any questions.



SSi Gold Probe



The World's Favourite

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