

GCS110 OXYGEN ANALYZER



GCS110LV Model Shown with Optional Sampling Needle

SPECIFICATIONS

- Simple, Easy Operation
- 0-25% Oxygen
- Resolution: 0.1%
- High Performance Cell
- No CO₂ Interference
- Low Zero Drift

This oxygen analyser is a reliable and accurate instrument for use in many industries. The operation could not be simpler with an ON switch and a single air calibration adjustment. The sample gas is filtered and the oxygen concentration is measured with an advance high-performance electrochemical cell.

Unlike some cells, the measurement is not affected by CO₂, O₂, H₂, ethylene or hydrocarbons in the sample gas. The cell has been designed to operate continuously in air for two years before it needs to be changed. A replacement cell is simple to install and requires minimal calibration. The air calibration at 21% can be adjusted to compensate for ambient barometric pressure changes and gradual reduction in cell sensitivity. The analyser zero has been found to be exceptionally stable and adjustment is not needed for normal applications. For very critical work there is an internal adjustment for occasional use.

The gas sample for the GCS100 is obtained with a hand pump and the GCS110 includes a miniature high-efficiency electrical pump. An easily obtainable 9V radio battery provides the power for the analyzer.

The 110LV model (pictured) allows for very small samples and is used widely in the packaging industry.



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