

Integrated CA controller

GCS610

Fully featured



- Modular construction**
- 8 to 64 rooms**
- Ventilation and flush control**
- CO₂ scrub and add control**
- Temperature measure & control**
- Choice of gas analysers**
- Automatic calibration**
- PC interface & software**
- Printer output**

- **Commercial CA Rooms**
- **CA shipping**
- **Laboratory systems**
- **High CO₂ rooms**

The GCS 610 system is a PLC based controller for the measurement and control of Controlled Atmosphere fruit or vegetable storage rooms.

It is designed to be used with a range of Oxygen and Carbon Dioxide analysers and it is particularly suited to the GCS150 portable analyser or the fixed GCS 650 modular analyser. For laboratory applications the low sample volume ICA41 analyser can be incorporated.

The sampling system comprises a high quality pump, vacuum gauge, filter/separator and an electronic flow rate monitor. The PLC controls the room sampling sequence.

The front panel LCD display clearly indicates the current controller action as well displaying the latest reading for all the rooms. The system can also be observed and controlled from a PC computer with the display software supplied with the system. This software can archive data and produce reports, graphs and export data to Excel.

The control for room ventilation, nitrogen purge and CO₂ scrubbing is time proportional which provides an accurate control of gas in each room.

Temperature can be measured from up to 6 probes per room with the high accuracy GCS280 temperature probes. Each room can optionally have temperature control from a selected single or multiple probes.

The modular design makes it possible to produce variations to the base system to meet individual needs.

[For more operational details please ask for a copy of the manual](#)

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