

# C.A Control system **GCS 300**



- O<sub>2</sub> & CO<sub>2</sub> analysis
- No sample tubes or pumps
- Time proportional vent control
- Nitrogen generator control
- Single or shared scrub control
- Central PC computer option
- 24v DC for easy installation
- For 1 to 100 rooms
- Simple operation

The GCS 300 is a new generation of control systems for controlled atmosphere fruit and vegetable stores.

The recent introduction of miniature but highly accurate and stable gas sensors makes it practical to have analysers in each storage room, doing away with the need of pumps, sampling systems and sequencers.

Now, with the GCS300, accurate, sophisticated and fully automatic CA atmosphere control is available for all sizes of storage installations.

There is a simple to operate controller for each room and if required, many controllers can be linked together to display, record graph and be adjusted from a central PC computer.

The system includes highly accurate time proportional control for ventilation and the controllers can be linked together so rooms can share the operation of carbon scrubbers and ventilation fans.

The sensors fit through the cold store wall with a simple but very effective porthole fitting giving excellent leak tightness and simple removal for maintenance.

The infrared CO<sub>2</sub> sensor and electrochemical oxygen cell require occasional air calibration and a port is provided for this.

**Components :** Sensor unit : 4" tube mounting through room wall. Controller: Wall mounted IP55. 24v DC power supply. GCS330: Connection hub for up to 4 controllers. GCS310: Hub for up to 8 controllers. GCS320: Hub for up to 8 controllers with shared scrubber control.

**Options :** CO<sub>2</sub> Add function. Proportional N<sub>2</sub> control. Temperature control with GCS260 or 270. RS485 Communication interface. PC Software



**Distributor:**