



Supplying and servicing
gas analysers worldwide

Geotech



CO₂ MONITORING

Monitoring CO₂ within incubator, medical and industrial applications





CO₂ MONITORING

INCUBATOR VERIFICATION

Geotech manufactures and supplies portable carbon dioxide monitors for use in incubator laboratories to verify IVF and stem cell research applications. Incubators need to run at a constant temperature, humidity and CO₂ level to maintain the correct conditions for optimum cell growth, embryo cultures and IVF. Whilst incubators have a built-in system for monitoring CO₂, portable CO₂ analysers quickly and accurately confirm the CO₂, O₂, humidity and temperature levels.

INDOOR AIR QUALITY, BORDER CONTROL, FOOD PROCESSING

Our carbon dioxide analysers are also used to monitor indoor air quality. A significant increase in CO₂ within buildings can cause Sick Building Syndrome, this can potentially cause illness to the staff located in that environment. It is therefore important to monitor levels of indoor CO₂, as well as maintaining appropriate levels of O₂, temperature and humidity. Our analysers are also used to monitor carbon dioxide for food processing, composting and border control- checking for CO₂ inside vehicles could indicate if they are carrying stowaways.

CO₂ MONITORING

G100



- Accurate onboard readings and quick verification of CO₂ incubator levels
- Used by embryologists and pharmaceutical technicians throughout the world
- Large data storage and user friendly software and download
- Monitoring validates incubators to ensure they are at optimum for embryo or cultural development

G110

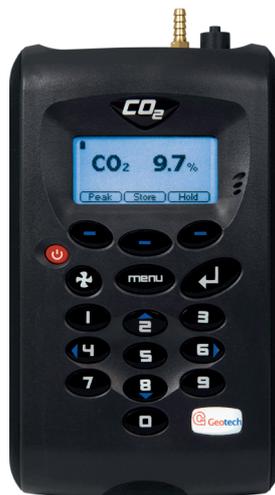


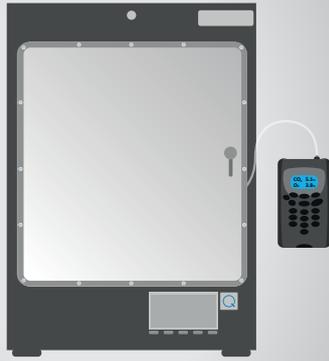
- Monitors CO₂ in food processing, breweries, research and medical applications
- User has a fast, simple and portable digital analyser
- CO₂, O₂ and humidity sensor 0-100%
- Built in gas moisture removal
- Data download and storage

G150

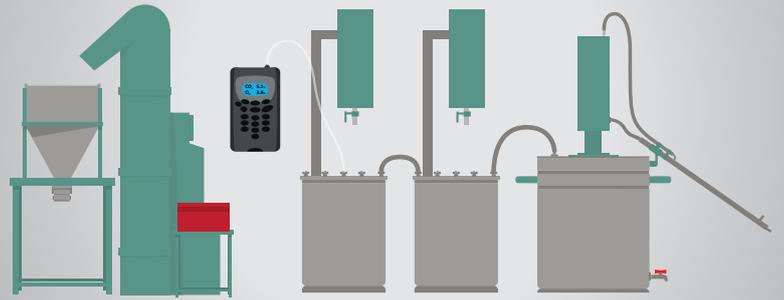


- Monitors CO₂ for all indoor air quality applications, environmental site audits, illegal immigrant detection, CO₂ level monitoring in poultry barns
- Fast, simple to use and accurate piece of environmental field kit
- Quick verification of CO₂ levels for site audits
- Built in gas moisture removal





THE G100 IS USED TO VERIFY INCUBATOR CO₂ LEVELS



THE G110 IS USED IN APPLICATIONS SUCH AS BREWERY ENVIRONMENTS TO MONITOR CO₂ LEVELS

| APPLICATIONS | G100 | G110 | G150 |
|---------------------------|------|------|------|
| Embryology | ✓ | | |
| HVAC system approval | | | ✓ |
| Breweries | | ✓ | |
| Medical | | ✓ | |
| Indoor air quality | | | ✓ |
| Poultry barns | | | ✓ |
| Food processing | | ✓ | |
| Research | | ✓ | |
| Environmental site audits | | | ✓ |



THE G150 CAN BE USED TO MONITOR CO₂ LEVELS WITHIN HAULAGE VEHICLES TO DETECT ILLEGAL IMMIGRANTS



OUR CO₂ MONITORING DISTRIBUTORS AND SERVICE AGENTS

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(S) = Service Agents



“It’s very quick to take a measurement and easy to use. Previously we used a chemical based system for checking CO₂ but we changed to an electronic analyser as the chemicals were pretty horrible to handle.”

LAB DIRECTOR OF A UK ANIMAL HEALTH LABORATORY

LOCAL SUPPORT

Regardless of where you are using Geotech products in the world, you can have peace of mind that a local service support network is available to you. We have distributors and agents throughout the world; simply contact your local service distributor in your country.

Our technical team are also on hand to answer your questions and make the process of setting up and using your product as smooth as possible.

We offer:

- Support and training videos
- Operating manual and technical literature in multiple languages
- Remote updates and onsite training



SERVICE SUPPORT AND PROCESS

Local service and support is available from the majority of our distributors which provides you with faster and more efficient service and turnaround times. Your analyser will remind you when your unit is due to be serviced. When your analysers are returned to Geotech’s Service centre in the UK, they undergo a full service, calibration and test with over a 100 detailed tests, both through our state of the art calibration chambers and manually via our highly experienced engineers.

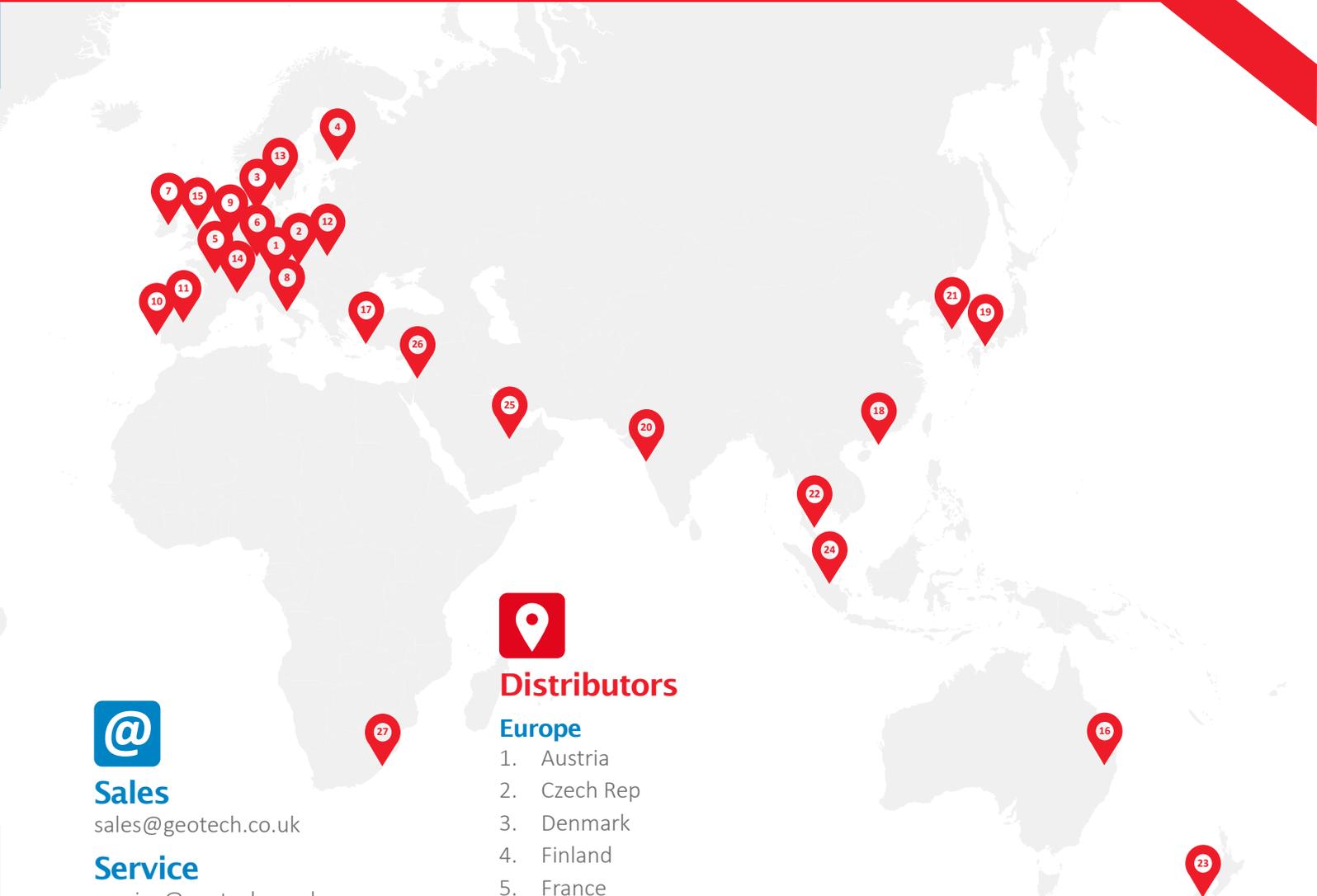
The stages the unit goes through whilst in service at Geotech are:

- An initial assessment
- A comprehensive service including diagnostics where everything is checked and replaced, where needed, by our service engineers
- All accessories are tested and serviced
- Chemical cells (if fitted) are calibrated using our state of the art cell-calibration rig
- The unit is fully calibrated for all primary channels using our in-house purpose-built calibration chamber which compensates for changes in conditions
- The unit receives a final manual check alongside an automated verification programme
- Every day our couriers collect and deliver units across the world



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Geotech



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Service

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Technical Support

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25. United Arab Emirates
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