



GTH 3 Carbon Dioxide, Humidity and Temperature Measurement

- Lightweight
- Fully Portable
- Easy to Operate

The GTH 3 utilizes non-dispersive infra red technique to measure carbon dioxide in air, silicon humidity sensor and a PT100 temperature sensor. It has been developed from the GTH 2 giving considerable savings in weight and size.

- Air is sampled by a small internal pump, giving a response time of 10 - 15 seconds.
- Readings are displayed on a 15mm LCD meter.
- Operation and calibration are simple. The analyser is supplied with an instruction manual and battery charger.



The GTH 3 is an infra red gas analyser with a linear output in proportion to the carbon dioxide concentration in the sampled air. The analyser requires the minimum of maintenance to maintain accuracy needing only periodic checking of the zero using the soda lime tube supplied and a span gas check every 3 months with a standard gas. The humidity and temperature sensors are preset in the factory and should require calibration about once a year. The analyser is fully portable and small enough to go in a large pocket. The battery provides 2 hours of continuous operation.

Specification	
Power supply:	12v dc 0.8 Ah lead acid battery
Range:	CO ₂ : 0 - 2% (0 - 20,000ppm) Humidity: 0 - 100% Temperature: -40 to +85°C
Resolution:	CO ₂ : 0.1% (10ppm) Humidity: 0.1% Temperature: 0.1°C
Accuracy:	CO ₂ : +/- 0.007% between 0 and 1% Humidity: +/- 1.5% Temperature: +/- 0.3°C
Response time:	10 - 15 seconds
Weight:	800g
Dimensions:	230 x 105 x 38mm approx
Display:	LCD 15mm.
Accessories:	Carrying case, compost probe.