

Supplementary CO₂ test equipment (for use with a breathing machine)

Description

The standard equipment set comprises two single channel CO₂ analysers, a flow meter, a non-return valve, four bladders (two to act as compensators and two for the reference gases), a zero-base assembly, a CO₂ absorber and the requisite tubing. The two CO₂ analysers are supplied to provide simultaneous measurements of both the 5% CO₂ concentration and sample CO₂ concentration.



Services required

Bench mounted

110/230 volts AC, 50/60Hz, mains electricity

CO₂ supply cylinder (100% CO₂) and regulator

Reference CO₂ gases (For calibration of the Analysers)

Sheffield head/torso

Breathing machine with auxiliary lung (our machine will come with the necessary solenoid valves)

Additional air-flow duct (dependent upon the standard being tested against)

EN 13274-6 Collar where the device is hood designed to seal around the neck.

We are able to supply the Sheffield head/torso, breathing machine, additional airflow duct and EN 13274-6 collar.

Approximate size

Typically, an area 1300x750mm plus the space for the breathing machine and the gas bottles is required. The gas bottles can be situated under the bench the analysers sit on.

Relevant standards

EN 136, EN 138, EN 140, EN 149, EN 269, EN 403, EN 405, EN 1146 (requires constant monitoring of CO₂), EN 1827, EN 12941, EN 12942, EN 13274-6, EN 14594

