

About CMXe

The New CMXe Pressure differential monitor/recorder for containment management. For proving efficiency of enclosures and containments used in Asbestos Removal and Treatment, Nuclear dismantling, handling of bacteriological and chemical agents, clean rooms, decontamination facilities. The most complete containment management system available today.

- Has a large high visibility LCD display which shows any alarm condition and a graphical representation of the pressure against time. The display can also be used in the setting up of alarm points and external devices.
- Records all readings during a contract period onto a SD card, which can be connected to a computer and downloaded into our software to provide graphs and reports of all monitored events. The card will hold large amounts of data, enough for the longest contract. The information can then be printed and or recorded to CD to keep for long periods of time to provide data for evidential or insurance company purposes.
- The monitor is set up by recording all parameters onto the SD card. These include company name, job details, high and low pressure settings and if the optional GSM unit is installed, the SMS messages and phone number/s to be called in the event of an alarm condition.
- The optional GSM unit can be programmed for up to 3 fixed dial telephone numbers when the job is set up and will send a SMS message to the appropriate person should an alarm condition occur. This means sites which are unmanned during evenings or weekends will still be controlled.
- The monitor has two zero voltage output sockets to feed an external alarm klaxon, flashing beacon and standby air moving unit via a suitable relay. Loud onboard audible alarm built in.
- Has a self seeking power supply for use at any voltage from 110v to 240v ac.
- Battery backup provides hours of operation if power supply is interrupted.
- The onboard real-time clock gives accurate time and date recording.

Recent legislation has demanded the use of Air Handling Equipment when stripping asbestos. The primary reasons for ventilation are:

- To create a pressure differential between the enclosure where asbestos is to be removed and the clean area surrounding it. This is usually referred to as "NEGATIVE PRESSURE" and its purpose is to contain any airborne dust within the enclosure.
- To provide a movement of air "AIR CHANGES" to enable airborne dust to be entrapped within the high efficiency filters which the ventilation equipment must include.

THE WORKING AREA

Prior to commencement of work the area where asbestos is to be removed is sealed off using polythene sheeting and made as air tight as possible. Site conditions usually render it impossible to obtain a seal which is 100% airtight and a certain degree of leakage is always evident. A controlled access device is sealed to the working area to allow operatives to pass through "AIRLOCKS" to prevent escape of dust during entry and exit and a separate Code of Practice exits detailing the correct procedures for carrying out this operation. A device must then be attached to the installation capable of extracting air from the working area and passing the air through high efficiency filters to entrap any harmful fibres. The type and size of the device "AIR MOVER" varies according to the installation. For further information please contact us using the contact form here.