



## The compact low cost solution.

- **A low-cost, reliable system, suitable for crematoria which perform fewer than 400 cremations per year.**
- **No need for a gas cooler if the system is allowed to cool between cremations.**
- **Reagent requires infrequent replacement – typically once per year.**
- **Small space requirement.**
- **Can be installed outdoors.**

The fixed bed system with vertical adsorbent chamber is suited to cremators which are used only two or perhaps three times per day.

This low-cost system requires no gas cooler; but it is essential that the adsorbent chamber is allowed to cool sufficiently before the next cremation commences. This typically takes two hours.

The combustion gasses from the cremator (01) pass directly to the adsorbent chamber (02) via either an underground canal or conventional flue duct.

The gasses flow through the adsorbent chamber; where the contaminants are removed, and the clean gas stream then passes through the induced draught fan (03) to leave the crematory via the chimney.

The contents of the adsorbent chamber may either be entirely replaced annually, or, if preferred, smaller quantities may periodically be changed. Because the flow of gas is from bottom to top of the chamber; the most contaminated adsorbent will reside at the bottom of the chamber where it may be removed by gravity into a collection bin.

Where available headroom so dictates the collection bin beneath the adsorbent chamber may be dispensed with. A screw conveyor may be used instead to lift removed adsorbent into the collection bin which may be placed outside the building.

**High Quality Cremation Systems.**

