

## Robox

### Fully Automatic Sample Preparation & Oxidation



seals them and places them in a transport tray or rack ready for the scintillation counter.

The whole work sequence is monitored by sensors and is computer controlled.

The information supplied by the Robox is:

- Sample number
- Sample ID
- Date and time
- Temperature
- Total combustion list

A process monitor of all parameters is obtained automatically from ROBOX II.

Robox is our system for fully automatic quench free preparation of samples for liquid scintillation counting.

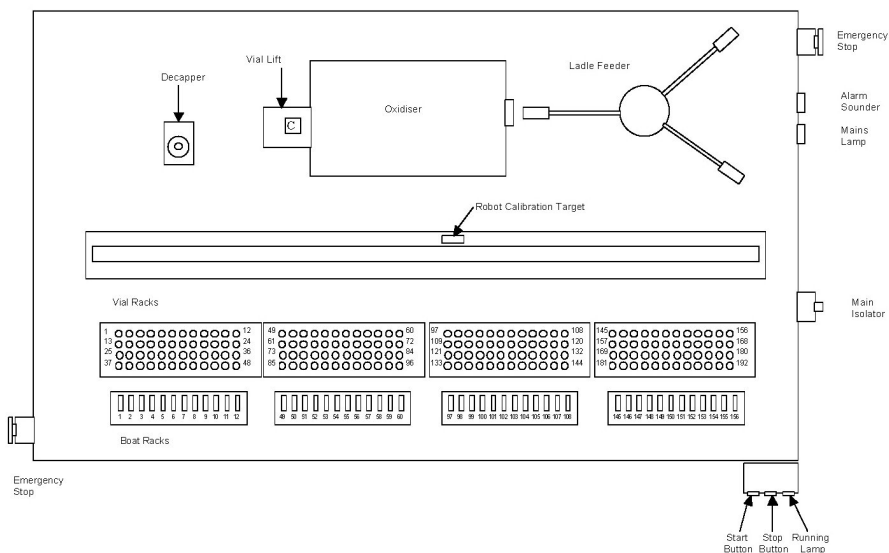
The sample preparation method is made easier due to the use of an intelligent robot, which enables the system to prepare 300 samples of H-3, C-14 or dual labelled samples in only 24 hours.

Its multi-user facility allows the addition of extra samples during the work sequence.

Robox consists of a robot with a linear drive and an automatic oxidiser OX-700, which works on the principle of catalytic oxidation. The samples are laid out in a tray and Robox then does the rest.

It transfers the samples to the oxidiser, transports the empty scintillation vials to the oxidiser, collects them after they have been filled with scintillator and combustion product,

#### Robox Bench



Robox helps you save on costs:

The total costs in comparison with manual sample preparation are reduced by half due to the large number of samples which can be processed in a single run.