



# EcoSys

## Data Sheet & Options

|                                      |  |
|--------------------------------------|--|
| <b>Mass Range</b>                    | 1-200 amu standard   |
| <b>Sample Pressure</b>               | Atmospheric (1000mbar) nominal pressure (750-1500mbar)   |
| <b>Ion Source Type</b>               | High Sensitivity high pressure enclosed ion source   |
| <b>Number of Inlets</b>              | 2 inlets, user selectable  |
| <b>Inlet Types</b>                   | 1 x Membrane Inlet with integral circulation pump<br>- Designed for high sensitivity VOC applications<br><br>1 x 2M Fused silica capillary inlet with 120C integral heater<br>- Suitable for general gas analysis applications |
| <b>Response Times</b>                | Capillary inlet 120m/s; Membrane inlet 0.2s  |
| <b>Maximum operating temperature</b> | 37deg C, 80% RH (non condensing) (Vacuum System and Electronics)   |
| <b>Vacuum system</b>                 | Oil free system with 80l/s turbomolecular pump and 1.8M <sup>3</sup> dry   |
| <b>Mains Voltage</b>                 | 90-250V  |
| <b>Power Consumption</b>             | 200W typical   |
| <b>PC Interface</b>                  | Ethernet Connection  |
| <b>Computer</b>                      | Control Laptop preloaded with full operating software  |
| <b>Dimensions</b>                    | 616 x 220 x 433mm  |
| <b>Interfacing to SCADA systems</b>  | Via analogue outputs or by direct data transfer  |

### Options

|                   |                          |
|-------------------|--------------------------|
| <b>Mass Range</b> | 1-300 amu                |
|                   | Field Power Pack         |
|                   | LiquiTorr liquid sampler |