



EcoCat

Data Sheet & Options

Mass Range	1-200 amu standard
Sample Pressure	Atmospheric (1000mbar) nominal pressure (750-1500mbar)
Ion Source Type	High Sensitivity high pressure enclosed ion source
Number of Inlets	2 inlets, switched via software with user defined timing
Inlet Types	2 off 2M fused silica capillary inlet with 120C integral heaters
Response Times	Capillary inlet 120m/s
Gas Consumption	20ml/min
Maximum operating temperature	37deg C, 80% RH (non condensing)
Vacuum system	Oil free system with 80l/s turbomolecular pump and 1.8M ³ dry
Mains Voltage	90-250V
Power Consumption	200W typical
PC Interface	Ethernet Connection
Computer	Control Laptop preloaded with full operating software
Dimensions	616 x 220 x 493mm
Interfacing to SCADA systems	Via analogue outputs or by direct data transfer

Options

Mass Range	1-300 amu option
Inlet Types	Longer length fused silica capillary
Gas Consumption	Low Flow Capillary inlet