



ThermaSys

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	1
Inlet Types	2M Fused silica capillary inlet with integral heater
Response Times	120m/s
Gas Consumption	20ml/min
Maximum operating temperature	37deg C, 80% RH (non condensing) (Vacuum system and Electronics)
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	710 x 230 x 570mm
Interfacing to SCADA systems	Via analogue outputs or by direct data transfer

Options

Mass Range	1-300 amu option
Inlet Types	Longer length Capillary inlet High Temperature Capillary Inlet
Gas Consumption	Low Consumption Capillary inlet
Vacuum System	300 l/s pumping system Corrosive service variant
Chassis	Rack Mount System