



REAL-TIME ANALYSIS OF GAS COMPOSITION AT HIGH PRESSURE

- It uses a quadrupole mass spectrometer including :
- a proprietary gas dosing manifold for gas sampling from vacuum to 200 bar
 - a standard gas flow mode for continuous gas sampling at atmospheric pressure

PLUG&PLAY, EASY SETTINGS

- can be connected to third party instruments, reactors or to climate chambers
- virtually avoids gas condensation before detection using a temperature controlled transfer line
- 6 modes available for enhanced control of scans and data

EQUIPMENT	
Residual Gas Analyzer	Quadrupole mass spectrometer
Filament	Unique long life, dual thoriated
Detector	Faraday cup
Electron Multiplier	Optional state-of-the-art, multi-channel, continuous-dynode electron multiplier (EM) for detection down to 1×10^{-14} mbar with increased longevity and stability
MODE OF OPERATION	
Dose	Up to 200 bar, using an automated procedure with pneumatic valves
Flow	At atmospheric pressure, using a manual valve
PERFORMANCE	
Mass range	1 to 100 amu (200 and 300 amu ranges optional)
Resolution	<1 amu
Pressure range	Allows sampling over the entire vacuum to 200 bar operating pressure range
GENERAL	
Size (W x D x H)	470 x 600 x 290 mm 18.5 x 23.6 x 11.4 inch
Weight	40 kg 90 lb
Gas supply	Air or inert gas for operation of pneumatic components – 50 psig
Power supply	110 / 230 V 50/60 Hz