

Detailed Comparison of SRS UGA Systems

	UGA Hydrogen	UGA	UGA LT
Model Numbers	UGA100 /3 UGA200 /3 UGA300 /3	UGA100 UGA200 UGA300	ULT100 ULT200 ULT300
Applications	Up to 100% H ₂ Corrosive gases Hydrocarbons and air	Less than 25% H ₂ Corrosive gases Hydrocarbons and air	Less than 3% H ₂ No corrosive gases Hydrocarbons and air
Turbo Pump	High compression ratio for hydrogen	Medium compression ratio for hydrogen	Medium compression ratio for hydrogen
Features	Dual diaphragm pump system Low roughing pressure (<0.3 mbar) Ion gauge monitors sample chamber Roughing line pressure monitor Sampling from several bar to 10 ⁻⁴ mbar Heated sample (100 °C) Chamber bake out Stand-alone leak detection One touch control for each component		Single diaphragm pump Higher roughing pressure (2 mbar) Ion gauge optional Roughing line pressure monitor only Atmospheric sampling only Room temp sample only No bake out No leak detection No one touch controls
Options	Multiple inlet valve (opt 1) Turbo vent valve (opt 2)		Ion gauge (opt 1) Turbo vent valve (opt 2)
Features Common to all UGA Models	Stand-alone portable unit 100, 200 or 300 amu systems FC and CDEM detectors for the RGA probe Fast response time (<0.2 s) Automatic pumping process User friendly front panel operation Status indicators for each component Ethernet and RS-232 interfaces Windows software for control and data collection included		

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