

GLOBAL AIR SAMPLER SYSTEM FEATURES

Operator Selectable Features in Setup Mode

Language Options:	English
Sampling Mode:	Volumetric Flow, Mass Flow, or Isokinetic Flow*
Gas Type:	Air, O ₂ , N ₂ , H ₂ , CO, CO ₂ , C ₃ H ₆ , He, NH ₃
Engineering Units	
Volumetric Flow:	sccm, SLPM, SCFM, sm ³ /min, sm ³ /hr
Mass Flow:	kg/hr, g/min, 1lbs/hr
Temperature:	°C, °F
Pressure:	In. Hg, mm Hg, bar, mbar, atm, kPa, hPa
Reference T and P	
Reference T:	0°C, 15°C, 20°C, 21.1°C (70°F), 25°C
Reference P:	101.325 kPa (760 mm Hg), 100 kPa (1bar)
Data Output Frequency:	1 sec, 1 min, 10 min, 20 min, 30 min, 1 hr
Data Storage Frequency:	1 min, 10 min, 20 min, 30 min, 1 hr
Operating Mode:	Continuous or Periodic
Periodic Sampling Options:	1 hr. (12 five minute periods), or weekly (24 one hour periods for each of the 7 days)
Ending Mode:	By time, By volume
Operator Selectable Passwords:	2 levels
Date and Time Setup	Input of real time and date
Alarm Settings	<ul style="list-style-type: none">• Flow (<u>±</u>10%, <u>±</u>15%, <u>±</u>20%),• Temperature (high and low),• Inlet pressure drop (dust loading) and• Inlet pressure to flow sensor (high and low)
Optional Communication Ports	RS485, Ethernet, Ruggedize cellular phone
Automatic Flow Control	EDL only; Oilless carbon vane pumps use mechanical regulators

* Requires optional isokinetic functions to be installed to receive data from F&J GAS-100/100E Duct Flow Monitor.