

Geospect Instruments Hardware Technical Data Sheet

Products	ML-11 CC	ML-11-IR	Dual Sensor Gas Analyzer	Chromatograph
Instrument Diminisions				
Height	10"	10"	10"	10"
Width	18"	18"	18"	18"
Depth	18"	18"	18"	18"
Weight	40 lbs	40 lbs	40 lbs	40 lbs
Gas Sensor Information				
Type	Catalytic Bead	Infrared (NDIR)	Catalytic Bead and Infrared	Catalytic Bead
Input Voltage	3V	5V	3V / 5V	3V
Output Type	Voltage	Voltage	Voltage/Voltage	Voltage
Measuring Range	0-5% LEL CH4	0-100% LEL CH4	0-5%/0-100% LEL CH4	0-5% LEL CH4
FLOW RATERS				
From Agitator	1-10 SCFH	1-10 SCFH	1-10 SCFH	1-10 SCFH
Air Dilution	0-2 SCFH	N/A	0-2 SCFH	N/A
Gas Dilution	0-2 SCFH	N/A	0-2 SCFH	N/A
Data Acquisition				
Instrument	USB	USB	USB	USB
WITS	Null Modem	Null Modem	Null Modem	Null Modem
Chromatograph				
Column Type	N/A	N/A	N/A	Packed
Column Length	N/A	N/A	N/A	6'0"
Column OD	N/A	N/A	N/A	1/4"
Packing Material	N/A	N/A	N/A	Proprietary
Column Material	N/A	N/A	N/A	Stainless Steel
Carrier Air Pressure	N/A	N/A	N/A	4-5 Psi
Digital Inputs				
Depth	5V	5V	5V	5V
Pump 1	5V	5V	5V	5V

Pump 2	5V	5V	5V	5V
On/Off Bottom	5V	5V	5V	5V
Digital Outputs				
Common	5V	5V	5V	5V
Bulkhead Fittings				
Carrier Air	1/4" Brass	1/4" Brass	1/4" Brass	1/4" Brass
Gas In Front	1/4" Brass	1/4" Brass	1/4" Brass	1/4" Brass
Gas In Rear	1/4" Brass	1/4" Brass	1/4" Brass	1/4" Brass
Gas Sensor(s) Exhaust	1/4" Brass	1/4" Brass	1/4" Brass	1/4" Brass
Chromatograph Exhaust	1/4" Brass	1/4" Brass	1/4" Brass	1/4" Brass
Power	120 VAC	120 VAC	120 VAC	120 VAC
Pump Type	Diaphragm	Diaphragm	Diaphragm	Diaphragm