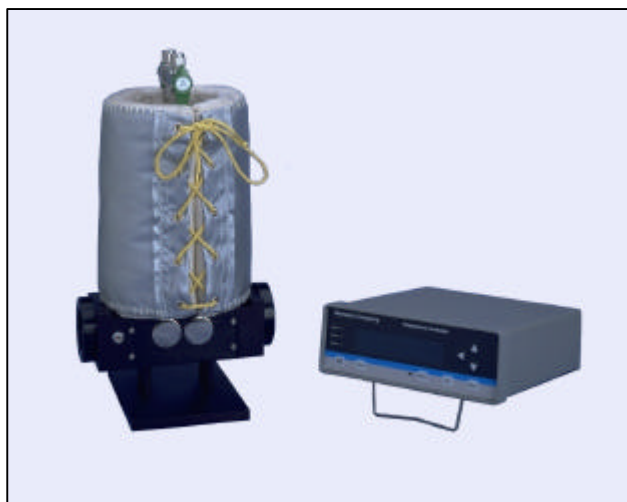
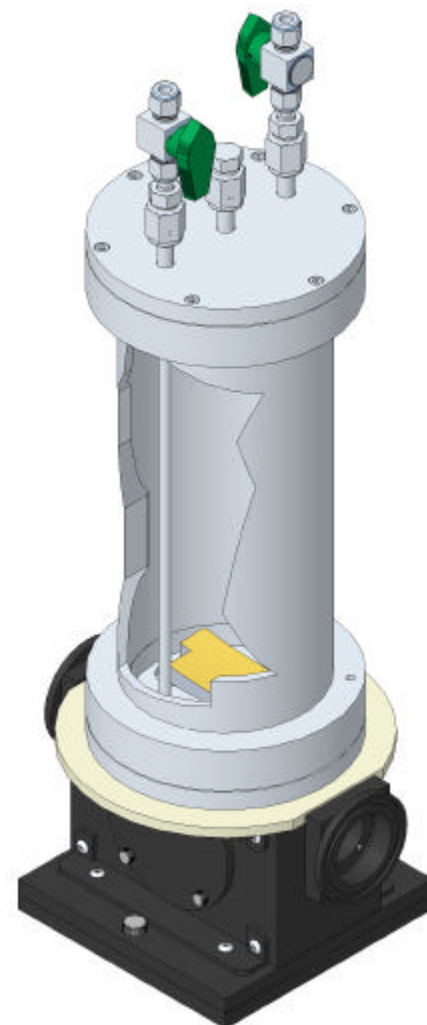


Mars Series Multi-Pass Gas Cells



Configuration Data Sheet – Mars 2L/10M

MARS-2L/10M-AL	MARS Series Long Path Gas Absorption Cell for FTIR gas analysis. Mounting fixture and transfer optics for center-focus FTIR. Optics mounted on easily removable sub-assemblies. SS valves and fittings with 1/4" Swagelok connections and flow tube. Comes with two 25mm x 4mm KBr windows as standard. Pathlength: 10 meters, fixed Volume: approx. 2 liters Cell Body: stainless steel, electropolished Cell Hardware: stainless steel, electropolished Optical Coating: GemGold™, protected multilayer Temperature Range: ambient-200 C. Pressure Range: vacuum-45 p.s.i.	\$10,800.00
MARS-2L/10M-SS	MARS Series Long Path Gas Absorption Cell for FTIR gas analysis. Mounting fixture and transfer optics for center-focus FTIR. Optics mounted on easily removable sub-assemblies. SS valves and fittings with 1/4" Swagelok connections and flow tube. Comes with two 25mm x 4mm KBr windows as standard. Pathlength: 10 meters, fixed Volume: Approx. 2 liters Cell Body: stainless steel, electropolished Cell Hardware: stainless steel, electropolished Optical Coating: GemGold™, protected multilayer Temperature Range: ambient-200 C. Pressure Range: vacuum-45 p.s.i.	\$15,800.00
CNT-220	Digital controller, user programmable. 220 V with "J" type thermocouple.	\$1,280.00
MRSJH-2L/10M-220	Heater for MARS Series 2L/10M meter gas cells, 220v	\$1,280.00



Mars Series Multi-Pass Cells from Gemini offer high performance, reliability, simplicity, and dependability; meeting the most demanding of gas sampling needs for industrial or field deployed FTIR and IR instrumentation. Cell construction is modular in principle, with interchangeable elements to promote versatility and serviceability - metal cell bodies and cell hardware can be constructed of virtually any material - stainless steel (passivated or electropolished), pure nickel, nickel coated aluminum, black anodized aluminum, and FEP Teflon coated aluminum are all readily provided to user specification. Systems can be configured for high pressure or high vacuum application. User-programmable temperature control and pressure monitoring options are available.

Gemini Mars Series Gas Cells

