

275E Heated Extractive Gas Sample Probe

275E Extractive Sample Probe (part number configurator: 275E)	
All 275E probes are configured and sold WITHOUT probe tubes (AKA stinger, quill, straw)	
Chamber Material	
2 Wks	SS 316 stainless steel, standard temp, w/ PTC heaters and Viton® O-rings
3 Wks	C Hastelloy C-276, standard temp, w/ PTC heaters and Viton® O-rings
4-6 Wks	SN 316 stainless steel w/ SilcoNert™ 2000 coating, standard temp, w/ PTC heaters and Viton® O-rings
2 Wks	SH 316SS, high temp w/ cartridge heaters and Kalrez® O-rings (< 550°F (290 °C))
3 Wks	CH Hastelloy C-276, high temp w/ cartridge heaters and Kalrez® O-rings (< 550°F (290 °C))
4-6 Wks	SNH 316SS w/ SilcoNert™ 2000 coating, high temp w/ cartridge heaters and Kalrez® O-rings (< 550°F (290 °C))
Chamber Heat Control	
	TS Self controlled PTC heaters - ~340°F (170 °C) (not available with high temp chamber)
	DK PID temp controller in close coupled junction box
	RD RTD (Pt100) for remote control by customer
	TK Type K T/C for remote control by customer
Filter Chamber Sample Inlet Isolation Valve	
	N No filter chamber Sample inlet isolation valve
	V Chamber isolation valve: (valve material will match chamber material) Standard temp - 316SS valve, Hast C-276, 316SS w/ SilcoNert™ 2000 High temp - 316SS valve, Hast C-276, 316SS w/ SilcoNert™ 2000
+1 Wk (316SS) +1 Wk (C-276) +3 Wks (Silco) +5 Wks (Monel)	
Flange	
	4F 4" flange - straddled bolts at 11 and 1 o'clock
	2F 2" flange - straddled bolts at 11 and 1 o'clock
	3F 3" flange - straddled bolts at 11 and 1 o'clock
+2 wks	6F 6" flange - straddled bolts at 11 and 1 o'clock
	2T 2" flange - top dead center bolt at 12 o'clock
	3T 3" flange - top dead center bolt at 12 o'clock
	4T 4" flange - top dead center bolt at 12 o'clock
+2 wks	6T 6" flange - top dead center bolt at 12 o'clock
Blowback Control	
	B24 24 VDC solenoid
	BV 115/230 VAC solenoid - Same as system voltage
	BTV Solenoid w/ timer card - Same as system voltage
	BA Pneumatically controlled blowback
	N No blowback
Blowback Port	
	BB Standard blowback (filter only)
	BT Probe tip filter blowback (only)
	BD Filter and probe tip filter blowback
	N No blowback
Sample Out Isolation Valve	
	NO Normally open
3 Wks	NC Normally closed
	N No isolation valve
Sample Out Isolation Valve Actuator	
	I24 24 VDC solenoid
	IV 115/230 VAC solenoid - Same as system voltage
	IBB Isolation actuation plumbed into blowback
	N No actuator - customer to provide control
Enclosure Heat Control	
	N No enclosure heating
	I Enclosure insulation only
3 Wks	TS 225 °F (107 °C) thermal switch control & enclosure insulation
	DN PID controller in 'J' box & enclosure insulation
	RD Heater w/ RTD (for customer control) & enclosure insulation
	TK Heater w/ type K T/C (for customer control) & enclosure insulation
Boot Size	
	B2 2" boot - 0.75" - 1.6" (19 mm - 41 mm) ID
	B3 3" boot - 1.4" - 2.8" (35 mm - 70 mm) ID
	B4 4" Boot - 1.4" - 4.5" (36 mm - 110 mm) ID
	N No boot
Cal Injection	
	F Flood cal
	D Direct cal
System Voltage	
	115 115 VAC 50/60 Hz
	230 230 VAC 50/60 Hz

Additional options shown on next page

