

275HD Heated Dilution Gas Sample Probe - Configuration Options

275HD Model High Dust Dilution Probe (Part Number Configurator: 275HD)	
All Sample Probes are Configured and Sold WITHOUT probe tubes (Stinger, Quill, Straw)	
Chamber Material	
3 Wks	SS 316 Stainless Steel < 400°F (207°C) (Std.)
3 Wks	SH 316 Stainless Steel < 550°F (288°C)
4-6 Wks	C Hastelloy C-276 < 400°F (207°C)
4-6 Wks	CH Hastelloy C-276 < 550°F (288°C)
Flange Size and Orientation	
	F3S 3" 150# Flange Straddled (Not Valid if 275HD is used with and HPA)
	F4S 4" 150# Flange Straddled
+1 Wk	F6S 6" 150# Flange Straddled
	F3T 3" 150# Flange Top-Dead-Center (Not Valid if 275HD is used with and HPA)
	F4T 4" 150# Flange Top-Dead-Center
+1 Wk	F6T 6" 150# Flange Top-Dead-Center
Temperature Sensor and Control	
	KR T/C Only (Type K) For Remote Control
	DR RTD Only (PT100) For Remote Control
	KL T/C (Type K) with DIN Controller and Local Enclosure
Fast loop/Bypass	
	NL No Fast Loop
	FL Fast Loop
	HL Fast Loop for use with HPA
Blowback Control	
	NBB No Blowback
	B24 Blowback 24VDC Control
	BAC Blowback VAC Control (See system voltage for 115 or 230)
	BAIR Blowback Pneumatic Control
	BTAC Blowback w/ Timer Card (See system voltage for 115 or 230)
	HAIR Heated Blowback Pneumatic Control
	H24 Heated Blowback 24VDC Control
	HAC Heated Blowback VAC Control (See system voltage for 115 or 230)
	HTAC Heated Blowback w/ Timer Card (See system voltage for 115 or 230)
Blowback Injection	
	S Standard Flood Blowback
	P Injected before the filter for Probe Tip Filter Blowback
	D Dual Blowback
	N No Blowback
Blowback Options	
	N No Blowback Options Included
	BI Blowback & Fast loop Instrument Air Combined
	BD Dual Blowback Control (Separate Instrument Air Supplies for Fast loop & Blowback)
Boot Plate Size	
	2 2" Boot - 0.75" - 1.6" (19.05mm - 40.64mm) Dia.
	3 3" Boot (Standard) - 1.38" - 2.75" (35.05mm - 69.85mm) Dia.
	4 4" Boot - 1.43" - 4.47" (36.32mm - 113.54mm) Dia.
	N No Boot
System Voltage	
	115 115 VAC Power Input
	230 230 VAC Power Input
Orifice/Dilution Ratio	
	#3 #3 Critical Orifice (270-650:1)
	#4 #4 Critical Orifice (130-260:1)
	#5 #5 Critical Orifice (70-160:1)
	#6 #6 Critical Orifice (65-120:1)
	#7 #7 Critical Orifice (40-80:1)
	#8 #8 Critical Orifice (30-55:1)
	#9 #9 Critical Orifice (23-40:1)
	#10 #10 Critical Orifice (21-30:1)
	#11 #11 Critical Orifice (17-25:1)
	#12 #12 Critical Orifice (13-20:1)
	#15 #15 Critical Orifice (8-15:1)
HPA Options	
	HKR Integrated HPA with Type K T/C for Remote Control
	HDR Integrated HPA with RTD for Remote Control
	HKL Integrated HPA with Type K T/C for Local Control
	N No Additional Options
Sensor Options	
	O2 Zirconia Oxygen Sensor with Pressure Transducer
	PT Integrated Pressure Transducer only (4-20mA, 0-30 psia) (w/o O2 Sensor)
	N No Zirconia O2 Sensor or Integrated Pressure Transducer
Extended Length Probe Tube Support	
	N Std PTS
	P2C Extended Length Probe Tube Support
	P2S x = Length in Ft (2,3,4,5)
	P2T y=Material of Construction
	P2I S = 316SS (up to 1100°F (593°C))
	P3C T = 310SS (up to 1600°F (871°C))
	P3S C = Hast C-276 (up to 1900°F (1038°C))
	P3T I = Inconel (up to 1600°F (870°C))
4 Wks	P3I
	P4C
	P4S
	P4T
	P4I
	P5C
	P5S
	P5T
	P5I
← Sample Part Number and Price →	