



M5310 C Portable Total Organic Carbon (TOC) Analyzer

General	1	Tag No.	Tag Rev.		
	2	P&ID No.			
	3	Line No.	Equip No.		
	4	Line Size			
	5	Line Spec			
	6	Area Classification		Non-Hazardous	
	7				
Sensor	8	Fluid	Fluid Phase	Water	Liquid
	9	Type	Analysis Method	Portable	UV Pers/Membrane Conductivity
	10	Analysis Modes		Online (continuous & timed), Grab, Optional Autosampler ¹ , TOC Removal Grab	
	11	Analysis Time		2 Minutes	
	12	Instrument Flow Rate		0.5 mL/min	
	13	Inlet Connection	Connection Size	Zero Dead Volume Compression	1/16", 10-32 thread
	14	Outlet Connection	Connection Size	Swagelok Compression	1/8"
	15	Surface Finish	Wetted/Non Wetted	Mfg Std	Mfg Std
	16	Ozone Compatibility ²		200 ppb	
	17	Sample Temp Rng	Sample Press Rng	5 to 60°C	2-100psig (0.14-6.9bar)
	18				
	19				
	Transmitter	20	TOC Range		4 ppb to 50,000 ppb
21		TOC Accuracy	TOC Precision	+/- 2% or 0.5ppb	< 1% of RSD
22		Type		Integrated	
23		Full Span	Lower/Upper	0 ppb	50,000 ppb
24		Calib Range	Lower/Upper	0 ppb	50,000 ppb
25		Accuracy		same as sensor	
26		Enclosure Material	Enclosure Rating	Molded Resin	IP-21
27		Electrical Connection		100 to 240 VAC, 100VA, 50/60 Hz	
28		Analog Output	Signal Communications	(3) 4-20mA	Modbus TCP/IP
29		Display Type		7" WVGA (800x480) Color LCD Touchscreen	
30	Manufacturer		SUEZ		
31	Model No.		M5310 C Portable		
32					
Other	33	Wetted Materials		316L SS, PTFE, Quartz, CPVC	
	34	Calibration Stability		12 months	
	35	Interferences		Insensitive to organic heteroatoms	
	36	Ambient Temperature		5-40°C	
	37	Chloride Concentration		Oxidation limited by chloride concentrations above 500 ppm	
	38	Max Relative Humidity		0-95% noncondensing	
	39	Maximum Altitude		3,000 m (9,843 ft)	
	40	Inorganic Carbon Removal		Standard Integrated ICR Module	
	41	Inputs		(1) binary input	
	42	Outputs		(3) isolated 4-20mA, (4) dry contact alarm	
43	Outputs		(1) USB device port, (2) USB host port, Ethernet (Modbus TCP/IP)		
44	Safety Certifications		ETL conforming to UL 61010-1, CE		
45	Dimensions		15.4"x9"x18.3" (39.5x22.9x46.4cm) (HxWxD)		
46	Weight		9.8 kg (21.6 lbs)		
Notes	<p>Note #1: Optional Sievers Autosampler with Sievers DataPro2 software (Sievers Autosampler requires a computer). Note#2: 50 ppb continuous or up to 200ppb with ozone destruct kit.</p>				