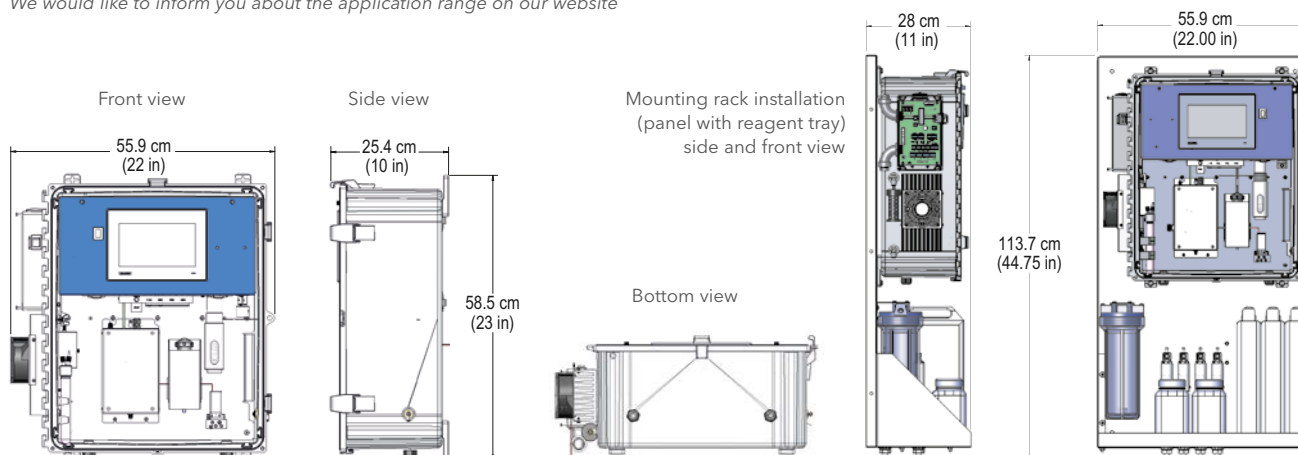




9220 Online TOC Analyzer

The 9220 Total Organic Carbon Analyzer was developed for water quality monitoring, water treatment, and process water monitoring applications.

We would like to inform you about the application range on our website



Model	9220 Online TOC	
Performance	Operating principle	Heated sodium persulfate oxidation
	Measurement technique	Non-dispersive infrared (NDIR) detection
	Regulatory method compliance	USEPA 415.3 (source water & drinking water); SM 5310C (water & wastewater)
	Measurement range	0 to 25 ppm (standard); adjustable up to 100 ppm
	Measurement accuracy	±5 %
	Measurement precision	2 % RSD
	Limit of detection	0.015 ppm
	Sample processing/analysis time	5 to 9 minute intervals
	Sample processing ports	6 (included)
	Sample processing valve controls	4 (included)
	Sample processing valves	Up to 4 (optional)
General	Operator interface	7" WSVGA display with a capacitive touchscreen (Windows® CE-based)
	Certifications	IEC 61326-1, IEC 61010-1, cETLus (ETL and CSA Standards)
	Instrument enclosure certifications	IP66; NEMA 4
	Weight	Analyzer: 16.6 kg (36.5 lbs) Analyzer, panel w/ reagent tray, PGM, and full reagent containers: 44.4 kg (98 lbs)
	Instrument warranty	2 years
Reagents and requirements	Reagents required	10 % sodium persulfate, 5 % phosphoric acid, DI water
	Reagent containers	5 l high-density polyurethane
	Reagent lifetime (liquid)	Nominally 30 days at 77 °F (25 °C); 90 days at temperatures less than 39 °F (4 °C)
Sample and gas requirements	Sample flow rate to sample inlet device	50 to 1,000 ml/min when using Sample Inlet Device
	Inlet pressure	1 to 20 psig with Sample Inlet Device
	Sample temperature range	41 to 113 °F (5 to 45 °C)
	Gas requirements (internally generated)	Process Gas Module (included); Consumption ≤ 100 ml/min. CO ₂ free air
Power and communication	Power requirements	100 to 240 VAC, 70VA, 50/60 Hz
	Input relays	2 (remote start, remote stop); 5A/30 VDC Max - potential free contact closure
	Output relays	2 (system alarm, sample alarm); 5A/30 VDC Max - potential free contact closure
	Analog outputs	4 (4 to 20 mA; user-configurable concentrations)
	Digital outputs	RS-485/422 Modbus RTU protocol or ASCII standard
	Data export	To PC via USB memory stick (Microsoft® Excel®-ready .csv file format)
Environmental	Operating temperature range	41 to 113 °F (5 to 45 °C)
	Humidity	Up to 90 % humidity (non-condensing)
	Storage temperature range	41 to 113 °F (5 to 45 °C)

Model	Description	Order No.
TOC 9220	Online TOC Analyzer	860200



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