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Единый адрес: oci@nt-rt.ru **Веб-сайт:** www.oi.nt-rt.ru

TOC анализатор 1088 OI Analytical

Have an Aurora 1030 TOC Analyzer? Meet its 'right-hand man' and your new favorite sampler instrument: the Model 1088 Rotary Autosampler, a brilliant tool that expedites analysis and ensures accuracy through automation.



Make your analyses simple, quick, and accurate with our Model 1088 Rotary Autosampler. Specifically designed to work with all Aurora 1030 TOC Analyzer models (1030W, 1030C, and 1030S), this gem fits conveniently under the TOC analyzer. A removable 88-position autosampler tray loads the sample vials for fully-automated operation.

The 1088 supports a number of special functions to address a range of sample conditions and analysis requirements. Onboard magnetic stirring ensures samples containing insoluble components or particles are homogeneous for sampling and accurate analysis. Septum piercing provides closed vial sampling to prevent contamination of the sample. System configuration for sample pretreatment allows pre-acidification and purging of samples within the 1088 prior to sampling. This technique removes the total inorganic carbon (TIC) content of samples, reducing the analysis time required for TOC measurements. A user-programmable number of rinses are used to clean the sample needle before the next vial is sampled.

Model 1088 Features:

Automatically process up to 88 samples

Configurable for pre-acidification and sparging of sample TIC content within the autosampler to reduce TOC analysis time

Integrated wash station performs programmable rinse steps to clean the sampling needle and prevent cross-contamination

Magnetic stirring ensures insoluble and particulated samples are homogeneous for accurate results

Compact! Fits directly under the Aurora 1030 TOC Analyzer

Supports sampling from open vials and septum piercing of sealed vials

Large color touchscreen interface

Dimensions	
1088 Autosampler	67.77 cm H x 38.1 cm W x 48.26 cm D (25.5 in H x 15 in W x 19 in D)
1088 Autosampler and Aurora 1030	66 cm H x 47 cm W x 66 cm D (26 in H x 18.5 in W x 26 in D)
Weight	
1088 Autosampler	19 kg (42 lbs)
1088 Autosampler and Aurora 1030	34.4 kg (76 lbs)
Power Requirements	
	100-230 VAC $\pm$ 10%; 50/60 Hz; 150 W (max)
Environment	
	15 - 35 °C operating temperature 10 -90% relative humidity
Sample Capacity	
	88 vials
Sampling Needle	
	8.4 in, two-hole, stainless steel
Sample Transfer Tubing	
	0.045" I.D. x 1/8" O.D. Teflon® tubing
Vials	
	40-mL VOA vials
Caps	
	Open-hole caps
Septa	
	TFE-faced septa
Sample Transfer Volume Range	
	10 µL - 10 mL
Particulate Handling	
	Up to 500 µm
Special Functions	
	Onboard magnetic stirring Septum piercing Sample pretreatment for TIC removal

Certifications

CE

Communications

RS-485 (Aurora 1030 analyzer to 1088 Autosampler)

Warranty

12 months parts and labor

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