ANATEL PAT700 TOC ANALYZER PLATINUM AND GOLD

Fully Compliant with Global Pharmacopeia Requirements Including USP, EP, JP

Facilities have different needs, refer to this comparison table to see which configuration best meets those needs.

The PAT700 is specifically designed to help demonstrate compliance to the pharmacopeial requirements for TOC and conductivity for Purified Water and Water For Injection.

ITEM NO.	DESCRIPTION
PAT700210	**PAT700 Platinum** PAT700200 – MULTIBOTTLE ANALYSIS TOC, US/JAPAN, QC (RFID)
PAT700215	**PAT700 Gold** PAT700200 – TOC, US/JAPAN, QC (NO RFID)

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FEATURES	PAT700 PLATINUM	PAT700 GOLD
User Name and Password Controlled by Microsoft Active Directory	■	
Water sample capture in case of TOC Excursion	■	
Automatic RFID Recognition of Lot ID, calibration standards and System Suitability	■	
Manual Entry of Standards Information		■
21 CFR Part 11 Compliance Tools	■	■
Number of Users = 100	■	■
USP <643> Complete TOC Oxidation USP <645> Conductivity	■	■
12 month service interval: • Auto-switching main standby UV lamps • UV Detect to ensure UV lamp is working correctly	■	■
Built-in Pump and Heat Exchanger	■	■
Conduit Connections available	■	

SPECIFICATIONS

TOC	Operating Range	0.5 to 2,000 ppb as Carbon
	Display Resolution	0.1 ppb
	Accuracy	±3 ppb or ±5%, whichever is greater
	Repeatability	±0.3 ppb or ±1%, whichever is greater
	Limit of Detection	0.5 ppb
	Maximum Input Conductivity	0.2 µS/cm for all waters, 1.0 µS/cm for all neutral waters, 5.0 µS/cm for water with CO_2 as the sole conductive species
Conductivity	Conductivity	Range 0.05 to 150 µS/cm (@ 25°C)
	Display Resolution	0.01 µS/cm
	Conductivity Accuracy	±2% over full range (uncompensated)
	Available Conductivity Reporting Modes	Temperature compensated to 25°C, or uncompensated
	Available Resisitivity Reporting Mode	Temperature compensated to 25°C only
	Resistivity	Resistivity Range 0.2 to 18 MΩ-cm (@ 25°C)
	Display Resolution	0.01 over full range
Temperature	Ambient Operating Range	10 to 40°C (50 to 104°F)
	Measurement Accuracy	±0.5°C
	Sample Water Range	1 to 95°C (34 to 203°F)
	Display Resolution	0.1 over full range
Physical Specs	UV Lamps	2, with UV Detect technology
	Interface/Display	Color touchscreen
	Maximum Altitude	4,000 m (13,125 ft)
	User I/O Wiring	Three, ¾-inch conduit openings or quick disconnect fittings
	Standards System	Onboard, Automated Standards Introduction System (OASIS)*
	Dimensions	59.7 w X 22.9 d X 25.4 h cm (23.5 X 9 X 10 inches)
	Weight	13.6 kg (30 lbs)
	Sample Inlet Flow Rate Range	60 mL/min to 300 mL/min
	Sample Inlet Pressure Range	10 to 100 psi (69 to 690 kPa)
Communications	Analog output	3 x 4-20mA outputs, user configurable TOC, Conductivity (uncompensated) and Sample Temperature
	Digital output	4 x digital outputs, user configurable (for alarms, etc.)
	Digital input	2 x digital inputs (for remote control)
Compliance	Installation Category	II
	Pollution Degree	2, IEC 61010-1
	CE Compliance	EN 61010-1 and EN 61326
	Safety Rating	ETL, conforming to UL 61010-1 and CSA 22.2 No. 61010-1
	Enclosure Rating	Conduit version: IP56* Quick connect version: IP46
	Release Tests	USP <643>, USP <645>, JP 2.59, EP 2.2.44
New Features	CIP	Selectable mode for Clean-In-Place analysis
	Dual Stream option	Toggle or programmable stream switching
	Excursion sampling	Minimum flow rate to fill excursion bottle = 160 mL/min*
	Rouge detection	Identifies oxidation cell contamination from rouging

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* Not available on PAT700 Gold, non-RFID model

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