



Alltesta™ Automated Analyzer

Technical Specifications

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Parameters	Alltesta™ Isocratic Automated Analyzer	Alltesta™ Gradient Automated Analyzer
Autosampler type	Random access	Random access
Sample capacity	Automatic, 48/96 Vials	Automatic, 48/96 Vials
Injection type	High pressure	High pressure
Injection Range	1-75 µL	1-75 µL
Injection volume accuracy	±1 µL	±1 µL
Pump operation	Isocratic	Isocratic, Gradient
Pump type	Syringe	Syringe, Gradient
Flow Rate Range	0.1 to 4.0 mL/min	0.1 to 4.0 mL/min
Flow rate accuracy	1% of full-scale	1% of full-scale
Pressure limit	up to 4000psi (275 bar)	up to 4000psi (275 bar)
Pressure precision measurement	±1 psi (0.07 bar)	±1 psi (0.07 bar)
Detector noise Level	< 0.05 mAU	< 0.05 mAU
Detection sample rate	20Hz	20Hz
Detector wavelengths, standard	275, 460, 520, 630 nm	275, 460, 520, 630 nm
Detector wavelengths, custom	Any 4 starting from 235 nm	Any 4 starting from 235 nm
Supported columns	3.2 and 2.1 mm ID	3.2 and 2.1 mm ID
Column Length	Any	Any
Connectivity	Wi-Fi, Ethernet land line, Mobile cell network	Wi-Fi, Ethernet land line, Mobile cell network
Power Supply	100-240V, 50-60Hz	100-240V, 50-60Hz
Liquid connection type	10-32 UNF compression type	10-32 UNF compression type
Materials in contact with liquid	SS316, PTFE, PEEK, UHMW PE, SiO2	SS316, PTFE, PEEK, UHMW PE, SiO2
Operating Temperature	0 to 40° C, non-condensing	0 to 40° C, non-condensing