



Cromite™ HPLC System Technical Specifications

Technical Specifications

Parameters	Cromite™ HPLC System
Dimensions (WHL)	115 x 190 x 115 mm / 4.5 x 7.5 x 4.5 in
Weight	1.45 kg / 3.15 lb
Injection type	High pressure
Injection	Automatic, 1 Vial
Pump	Syringe, Isocratic
Flow rate	0.1 - 4.0 ml/min
Injection volume accuracy	±1 µL
Flow rate accuracy	1% of full-scale
Pressure precision measurement	±1 psi (0.07 bar)
Pressure	up to 3000psi
Detector noise Level	< 0.05 mAU
Detection sample rate	20Hz
Wavelengths, standard	275, 460, 520, 630 nm
Wavelengths, custom	Any 4 starting from 255 nm
Supported columns	Single-Ended HPLC Column 4.6, 3.2 and 2.1 mm ID
Column Length	150 mm or smaller
Connectivity	Wi-Fi, Ethernet land line, Mobile cell network
Power Supply	100-240V, 50-60Hz
Materials in contact with liquid	SS316, PTFE, PEEK, UHMW PE, EPDM, Glass, 17-4 SS diamond coated
Operating Temperature	0 to 40° C