

All-in-One Integrated HPLC

ALC-2028 Series HPLC a versatile unit which utilises the latest modern technology to simplify operation without sacrificing accuracy or reliability. The All-in-one design system equipped with precise solvent delivery pump, high sensitivity UV detector, manual injector and chromatographic software. The whole HPLC system is preconfigured before ship to customers. Only one thing need to do is just place the mobile phase.



Features:

- ▶ Compact, All-in-one design
- ▶ Low-cost, best price/performance ratio
- ▶ Ready-to-use, maintain free
- ▶ Full controlled by computer

System Configuration

ALC-2028	Isocratic HPLC	Pump, UV Detecor, Manual injector, C18 column, Software
ALC-2028A	Automatic Isocratic HPLC	Pump, UV Detecor, Autosampler, C18 column, Software
ALC-2028	Gradient HPLC	Gradient Pump, Four-channel degasser, UV Detecor, Manual injector, C18 column, Software
ALC-2804A	Automatic Gradient HPLC	Gradient Pump, Four-channel degasser, UV Detecor, Autosampler, C18 column, Software

Specifications:

Pump	Pump type	Series double plunger pump
	Max pressure	40 MPa
	Precision of pressure	± 1%
	Flow rate	0.01 –9.99 ml/min in 0.01 steps
	Precision of flow rate	± 0.5%
	Pressure limit	Upper and lower limits
UV-Vis Detector	Wavelength range	190 - 700 nm
	Spectral half-width	6 nm
	Accuracy of adjustment	± 1 nm
	Reproducibility	± 0.5 nm
	Light source	Deuterium discharge lamp
	Noise level (empty cell 240 nm, TC 1s)	± 2 x 10 ⁻⁵ AU
	Drift (empty cell 240 nm after 1 hr, TC 1s)	15 x 10 ⁻⁵ AU/hr
Control	By keypad, Romote control by RS232	
Power supply	230 V ± 10% , 50/ 60 Hz	
Dimensions (W x H x D)	300 x 200 x 410 mm	
Weight	16.5 kg	