

TECHNICAL DATA SHEET

HPLC High Performance Liquid Chromatography YSTE-LC3100



Reference photograph. Confirm accessories and configuration in the quotation.

Application:

YSTE-LC3100 series is the higher and more reliable quality product with samples analysis.

Features:

- * Adopting mature and reliable mechanical structure, optical structure and circuit structure of core technology
- * Stepper motor 64 subdivision control technology to improve accuracy at low flow rates
- * Straight-through pressure transmitter
- * Scientific air duct design to effectively reduce baseline drift

Model

YSTE-LC3100I

YSTE-LC3100GH

YSTE-LC3100QL

High Pressure Constant Flow Pump

Quantity

1 Set

2 Set

1 Set

Flow Rate Range

0.001mL/min-10.000mL/min

Flow Accuracy

$\leq \pm 0.2\%$ (1.00ml/min, H₂O, R.T., 8.5MPa)

Flow Precision

$RSD \leq 0.075\%$ (1.00ml/min, H₂O, R.T., 8.5MPa)

Maximum Pressure

45MPa

Pressure accuracy

$\leq \pm 3.0\%$

Pressure pulsation

$\leq 0.1\text{MPa}$

UV/VIS

Detector

Wavelength Range

190-700nm

Wavelength Repeatability

$\leq 0.1\text{nm}$

Wavelength Accuracy

$\leq \pm 1.0\text{nm}$

Band Width

8nm

Response Time

0.0s-5s

Baseline Noise

$\leq \pm 0.5 \times 10^{-5}\text{AU}$

Drift

$\leq 1.0 \times 10^{-4}\text{AU/h}$

Path length

10 mm(analytical cell)

Light Source

Deuterium Lamp

Low-Pressure Gradient Unit

Integrated vacuum degasser

/

/

4 channel

Composition Rang

0-100%

Composition Precision

$\leq 0.2\% \text{ RSD}$

Composition Accuracy

$\leq \pm 2.0\%$

Data-processing Workstation

Internal and external standard calculation methods

Automatically displays, prints, exports and starts other programs after the completion of a measurement.

Comply with the requirements of the 21 CFR Part 11 directive of the FDA

3100 System Kits

1 Set

Power Supply

AC110/220V $\pm$ 10%, 50/60Hz

Optional Accessory

Column Oven, Autosampler, Degasser, Diode Array Detector, Refractive Index Detector, Evaporative Light Scattering Detector, Fluorescence Detector

Package Size(W*D*H)

600*440*380mm*4

Gross Weight

68kg

Panama | Central America | Caribbean | CARICOM

Information from the authorized catalog. Confirm configuration, accessories and documentation in the quotation.

Assisted translation: review the manufacturer specifications before purchasing.