

Agress1100 High Performance Liquid Chromatography System



Agress1100 HPLC System is a cost-effective product, and it is suitable for use in the production or manufacture which needed to strict cost control.

Characteristics:

- * Affordable
- * VFD display screen
- * Control mode: external/internal
- * Easy to use
- * Superior repeatability

P1100 High Pressure Constant Flow Pump:



| | |
|------------------|--|
| Flow Rate | 0.001-10.000 mL/min (Step: 0.001 mL/min) |
| Accuracy | ≤+0.3% |
| Precision | ≤0.1% RSD |
| Max Pressure | 42 MPa (6000 psi) |
| Power | AC 220 V, 50 Hz |
| Dimension/Weight | 420*260*160 mm (L* W* H*) /12 kg |

D1100 UV-Visible Detector:



| | |
|-------------------|----------------------------------|
| Linearity | 1.8 AU |
| Wavelength Range | 190~700 nm |
| Noise | ≤ ± 1.0*10 ⁻⁵ AU |
| Drift | ≤ 2.0*10 ⁻⁴ AU/h |
| Power | AC220V ± 10%, 50 Hz, 100 W |
| Dimensions/Weight | 420*260*160 mm (L* W* H*) /12 kg |



O1100 Column Oven:

| | |
|-------------------|-------------------------------------|
| Temperature range | Ambient + 5 °C~99 °C |
| Accuracy | ± 0.1 °C |
| Precision | ≤ 0.1 °C |
| Power | AC220 V ± 10%, 50 Hz, 150 W |
| Dimensions/Weight | 120 * 65 *500 mm (L* W* H*) /8.5 kg |

Elitapex HPLC Workstation

Characteristics:

- * Simple operation and convenient use;
- * Optimize the control protocol to make the communication between the workstation and the unit instrument module more smooth;
- * Stable real-time feedback of the status and parameters of each unit module.

Technical Parameters:

| Model | Agress1100(Type I) | Agress1100(Type II) |
|----------------------|---|---------------------|
| Pump | P1100*1 | P1100*2 |
| Detector | D1100*1 | |
| Gradient Mixer | / | TD-1-15*1 |
| Solvent Bottle Tray | ST1100*1 | |
| Sampler Injector | Rheodyne 7725i*1 | |
| Column | Supersil ODS2 5µm ID4.6*200mm*1 | |
| Workstation | Elitapex*1 | |
| Valve Mounting Frame | VB1100*1 | |
| System Kit | Agress1100*1 | |
| Power Supply | AC220V±10%, 50Hz | |
| Optional Accessory | 500ml Solvent bottle*2, Column, Column Oven | |
| Package Size(W*D*H) | 580*400*280mm*3 | 580*400*280mm*4 |
| Gross Weight | 40kg | 56kg |