

Applications

600DAC system is widely used natural product purification, purification of fine chemical intermediates, pharmaceutical purification: synthetic drugs, fermentation medicine, bio-pharmaceuticals, etc.

The Character of 600DAC System

- High-speed, high efficiency, high yield
- For Integration design, open, simple;
- H-TREE (patent number) mandatory allocate of exclusive and efficient Working mode to ensure separation and stability;
- New hydraulic design, reduce equipment height (2.5mm or less), reduce equipment weight, easy installation and maintenance;
- New drive modelto avoid pollution of the samples, more safety and environmental protection.
- Perfect authentication file system: DQ, FAT, SAT, IQ, OQ, PQ;

Technical Parameters

Piston

Material	316 L
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Gauge

Pressure Gauge	0-10 bar, 0.01 indexing
Pressure Demand	≥ 0.5 MPa
Gas Demand	≥ 2 m ³
Power Requirements	25 kW
Maximum Flow	20 L/min
Maximum System Pressure	10 MPa
Flow Accuracy	± 1.5 %
Flow Repeatability	RSD ≤ 1.0 %
Wavelength Range	(190 ~ 700) nm, deuterium lamp (standard configuration); tungsten lamp (Optional available)
Wavelength Accuracy	± 2 nm
Baseline Noise	± 2 × 10 ⁻⁵ AU
Baseline Drifts	4 × 10 ⁻⁴ AU/h
Working Mode	Isocratic or Gradient

Technical Parameters

Column

Diameter	ID 600 mm
Length	850 mm (standard)
Wall	Ra ≤ 0.4 μm
Material	316 L

Filter

Material	316 L
Pore Size	3 - 5 μm

