



DW-LC1620A Liquid Chromatography

◆ High Performance Liquid Chromatography

- Superior high-pressure pump achieves accurate solvent delivery with high-precision and low-fluctuation.
- Advanced and innovative design modules provide high reliability and accuracy for long time operation.
- The pump works in-parallel and ensures accuracy and duration.
- Different kind of detectors, including UV/VIS detector and refractive index detector etc. provide stronger detection capability and more options.
- Pumping system: Isocratic system and gradient system.
- UV Detector for routine analysis/ RID for universal detection in isocratic analysis, especially necessary in GPC system.

◆ A truly effective HPLC

- All maintenance parts are accessible from the front panel for quick replacement without disassembling instrument
- The monitoring system will stop the pump if pre-limit pressure is exceeded
- All components are controlled intelligently through workstation
- Multiple data analysis functions, flexible peak identification and data management, etc

Model#	DW-LC1620A	
	Specifications	
DW-LC1620A Pump	Isocratic system	Gradient system
	Flow rate range	0.001-9.999mL/min
	Flow rate accuracy	$\leq \pm 0.5\%$ (1mL/min, water, room temperature)
	Flow rate precision	$RSD \leq 0.08\%$ (1mL/min, water, room temperature)
	Pressure range	$\leq 42\text{MPa}$
DW-LC1620A UV Detector	Specifications	
	Lamp	deuterium lamp
	Wavelength range	190-700nm
	Baseline noise	$\leq 8 \times 10^{-6}\text{AU}$
	Baseline drift	$\leq 1 \times 10^{-4}\text{AU/h}$
	Detection Limit	$4 \times 10^{-9}\text{ g/ml}$ (Naphthalene/methyl alcohol solvent)
	Wavelength accuracy	$\pm 1\text{nm}$

