

## DW-LC1620A Liquid Chromatography

### Features

- **High Performance Liquid Chromatography**

1. Superior high-pressure pump achieves accurate solvent delivery with high-precision and low-fluctuation.
2. Advanced and innovative design modules provide high reliability and accuracy for long time operation.
3. The pump works in-parallel and ensures accuracy and duration.
4. Different kind of detectors, including UV/VIS detector and refractive index detector etc. provide stronger detection capability and more options.
5. Pumping system: Tsocratic system and gradient system.
6. A6UV 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.

### Specifications

Model#	Isocratic system	Gradient system
Machine Picture		
<b>DW-LC1620A Pump</b> 	<b>Flow rate range</b>	<b>0.001-9.999mL/min</b>
	<b>Flow rate accuracy</b>	<b>≤±0.5%(1mL/min, water, room temperature)</b>
	<b>Flow rate precision</b>	<b>RSD≤0.08%(1mL/min, water, room temperature)</b>
	<b>Pressure range</b>	<b>≤42MPa</b>
<b>DW-LC1620A UV Detector</b> 	<b>Lamp</b>	<b>deuterium lamp</b>
	<b>Wavelength range</b>	<b>190-700nm</b>
	<b>Baseline noise</b>	<b>≤8×10<sup>-6</sup>AU</b>
	<b>Baseline drift</b>	<b>≤1×10<sup>-4</sup>AU/h</b>
	<b>Detection Limit</b>	<b>4×10<sup>-9</sup> g /ml(Naphthalene/methyl alcohol solvent)</b>
	<b>Wavelength accuracy</b>	<b>±1nm</b>