

GE Healthcare ÄKTAavant™ 25 Fast Protein Liquid Chromatography  
Specifications

Item		
System Pumps	Pump Type:	Piston pump, metering type
	Flow Rate Setting:	<ul style="list-style-type: none"> <li>• 0.001 to 25 ml/min (normal range)</li> <li>• 0.001 to 50 ml/min (column packing flow)</li> </ul>
	Pressure Range:	0 to 20 MPa (2900 psi)
	Viscosity Range:	0.35 to 10 cP
Sample Pump	Pump Type:	Piston pump, metering type
	Flow Rate Setting:	0.01 to 25 ml/min
	Pressure Range:	0 to 10 MPa (1450 psi)
	Viscosity Range:	0.7 to 10 cP
Detector	1. UV Monitor	
	Wavelength Range:	190 to 700 nm in steps of 1 nm, up to 3 wavelengths simultaneously
	Flow Cells:	<ul style="list-style-type: none"> <li>• 0.5 mm optical path length, 1µl cell volume</li> <li>• 2 mm optical path length, 2 µl cell volume (default)</li> <li>• 10 mm optical path length, 8 µl cell volume</li> </ul>
	2. Conductivity Monitor	
	Reading Range:	0.01 mS/cm to 999.99 mS/cm
	3. Temperature Monitor	
	Reading Range:	0 °C to 99 °C
	4. pH Monitor	
Reading Range:	0 to 14	
Integrated Fraction Collector	Number of Fractions:	up to 576 (6 × 96-well deep-well plates)
	Vessel Types:	3, 8, 15, or 50 ml tubes; 24-, 48-, or 96-well deep-well plates
	Vessel Type Selection:	Automatic recognition
	Fraction Volumes:	0.1 to 50 ml
	Cooling Specification:	6 °C to 20 °C, temperature control