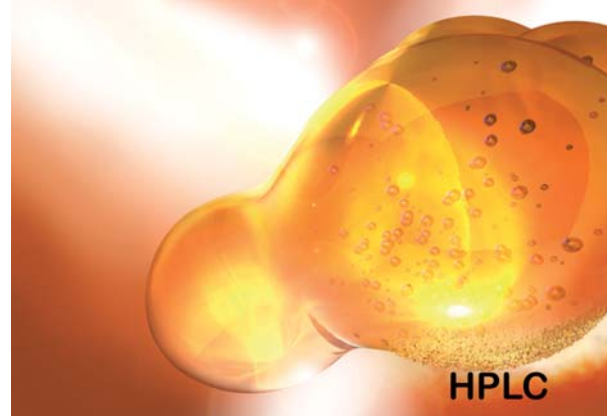


# Specification Sheet

LC-8A

Solvent Delivery Pump



<b>Pump type</b>	Dual reciprocating piston
<b>Flow rate range</b>	0.1 - 50 mL/min (10 - 300 kgf/cm <sup>2</sup> ) 0.1 - 100 mL/min (10 - 180 kgf/cm <sup>2</sup> ) 0.1 - 150 mL/min (10 - 80 kgf/cm <sup>2</sup> )
<b>Pump stroke volume</b>	250 µL
<b>Flow rate accuracy</b>	2% (0.5 - 150 mL/min), measured with water
<b>Flow rate stability</b>	0.5% (0.5 - 150 mL/min)
<b>Pressure range</b>	10 - 300 kgf/cm <sup>2</sup>
<b>Time-programmable items</b>	Flow rate, pressure, ON/OFF of electromagnetic valves, ON/OFF of event outputs
<b>Functions</b>	<ul style="list-style-type: none"><li>• Pulsation correction (30 mL/min or below)</li><li>• Flow rate correction for liquid compression ratios</li><li>• Constant pressure mode</li><li>• Time program (Flow rate (pressure) setting; events 1, 2, 3; SV: 0, 1, 2)</li><li>• Monitoring functions (Flow rate, pressure, piston position, cumulative number of revs)</li><li>• Self-diagnosis of pump conditions</li><li>• Maximum and minimum pressure limits</li></ul>
<b>Wetted parts</b>	Stainless Steel (SUS316), Hastelloy C®, Ruby, Sapphire, KelF, Reinforced PTFE, Vespel®
<b>Suction filter</b>	10 µm
<b>Line filters</b>	2 and 1 µm
<b>Operating temperature range</b>	10 - 35°C
<b>Gradient operation type</b>	High pressure, binary or ternary
<b>Power requirements</b>	AC 110 – 240 V, 750 VA, 50/60 Hz
<b>Dimensions and weight</b>	W 350 x D 459 x H 210 mm; 32 kg