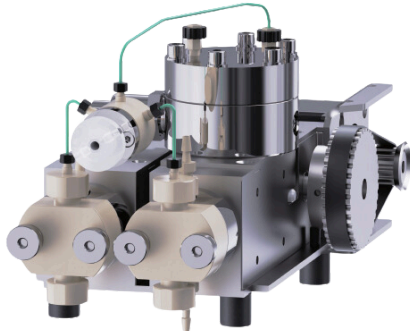




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Sample Specifications

Models	LC-10	LC-25
Flow Rate (ml/min)	0.001 ~ 10	0.001 ~ 25
Accuracy/Precision	$\pm 1\%$ / $RSD \leq 0.3$	$\pm 1.2\%$ / $RSD \leq 0.5$
Max Pressure (psi)	6000 (42 MPa)	4000 (27.5 MPa)
Accuracy (psi)	± 30	± 30

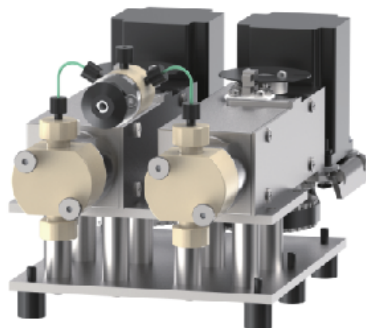
Key Features

- Two pump heads, four sets of double check valves
- Fulfill standard functions for Chromatography workstations (e.g. Flow rate, pressure limits, purge function, self-check)
- Pressure limit alarm for enhanced safety and reliability
- PEEK pump heads, and many other materials

PISTON PUMP (BIO-INERT)

LC-100	LC-150	LC-300	LC-600
0.001 ~ 100	0.01 ~ 150	0.01 ~ 300	0.1 ~ 600
± 1.2% / RSD ≤ 0.5%	± 1.2% / RSD ≤ 0.5%	± 2% / RSD ≤ 0.5%	± 2% / RSD ≤ 1%
1450 (10 MPa)	725 (5 MPa)	500 (3.5 MPa)	290 (2 MPa)
± 5	± 5	± 5	± 5

- Floating piston design improves service life
- Self-flushing pump heads continuously wash the piston surface
- Flow accuracy can be corrected by multiple points
- Seals, pistons, and check valves can be quickly inspected and repaired



Sample Specifications

Models	LC-10D	LC-25D
Flow Rate (ml/min)	0.001 ~ 10	0.001 ~ 25
Accuracy/Precision	$\pm 1\%$ / $RSD \leq 0.06\%$	$\pm 1\%$ / $RSD \leq 0.3\%$
Max Pressure (psi)	6000 (42 MPa)	4000 (27.5 MPa)
Accuracy (psi)	± 30	± 30

Key Features

- Dual Motor drive, automatic correction of cam relative angle
- PCB control board contains a RS-23, Network interface, and 2 CAN ports
- Equipped with medium compression compensation function
- Floating Piston design improves service life

DUAL MOTORS PISTON PUMP (BIO-INERT)

LC-100D

0.001 ~ 100

± 1% / RSD ≤ 0.3%

1450 (10 MPa)

± 5

LC-150D

0.01 ~ 150

± 1% / RSD ≤ 0.3%

725 (5 MPa)

± 5

LC-300D

0.01 ~ 300

± 1.5% / RSD ≤ 0.3%

500 (3.5 MPa)

± 5

- Automatic compensation function for motor loss of step, Ensures accurate flow
- Self-flushing pump heads continuously wash the pump surface
- Correct flow accuracy at multiple points
- Quick inspection and repair for seals, piston, and check valves



Sample Specifications

Models	DP-1040	DP-2020
Flow Rate (ml/min)	0.01 ~ 10	0.1 – 20
Accuracy/Precision	± 1% / RSD ≤ 0.5%	± 1% / RSD ≤ 0.5%
Max Pressure (psi)	6000 (42 MPa)	2900 (20 MPa)
Accuracy (psi)	± 30	± 30

Key Features

- Non-circular gear connecting rod drives the piston and delivers excellent motion characteristics
- PCB control board contains a RS-232, RS485, and 2 CAN ports
- 316 stainless steel pump heads, and many other materials
- Automatic compensation function for motor loss of step, ensures accurate flow

CONSTANT FLOW RATE PISTON PUMP

DP-3020

0.01 ~ 30

± 1.5% / RSD ≤ 0.5%

2900 (20 MPa)

± 15

DP-8008

0.01 ~ 80

± 1.5% / RSD ≤ 0.5%

1160 (8 MPa)

± 5

DP-20005

0.01 ~ 200

± 1.5% / RSD ≤ 0.5%

725 (5 MPa)

± 5

- Equipped with medium compression compensation function
- Multiple working modes, e.g. constant flow, quantitative, timing
- Pressure display, overpressure protection, undervoltage compensation
- Quick inspection and repair for seals, piston, and check valves



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