

JASCO X-LC[®] Ultra High Performance Liquid Chromatography (UHPLC)

X-LC 3185PU/3080PU Xtreme High Pressure Pump



Specifications

| | 3185PU | 3080PU |
|-------------------------|--|---|
| Pumping method | SSQD (Slow Suction Quick Delivery) method | SSQD (Slow Suction Quick Delivery) method |
| Pumping mode | Fixed flow rate/fixed pressure | Fixed flow rate/fixed pressure |
| Flow rate setting range | 0.000 to 2.0 mL/min (0.001 mL/min increments) | 0.000 to 5.0 mL/min (0.001 mL/min increments) |
| Flow rate accuracy | Setting value $\pm 2\%$ or setting value $\pm 2\ \mu\text{L}/\text{min}$, whichever is larger. (0 to 50.0 MPa, a flow rate range of 0.05 to 2.0 mL/min is assumed.) Setting value $\pm 4\%$ or $\pm 4\ \mu\text{L}/\text{min}$, whichever is larger. (more than 50.0 MPa, a flow rate range of 0.05 to 1.35 mL/min is assumed.) | Setting value $\pm 2\%$ or setting value $\pm 2\ \mu\text{L}/\text{min}$, whichever is larger. (0 to 50.0 MPa, a flow rate range of 0.5 to 5.0 mL/min is assumed.) Setting value $\pm 4\%$ or $\pm 4\ \mu\text{L}/\text{min}$, whichever is larger. (more than 50.0 MPa, a flow rate range of 0.5 to 3.5 mL/min is assumed.) |
| Flow rate precision | RSD (Relative Standard Deviation) 0.1 % or less (0 to 50.0 MPa, a flow rate range of 0.05 to 2.0 mL/min is assumed.) 0.3 % or less (more than 50.0 MPa, a flow rate range of 0.05 to 1.35 mL/min is assumed.) | RSD (Relative Standard Deviation) 0.1 % or less (0 to 50.0 MPa, a flow rate range of 0.5 to 5.0 mL/min is assumed.) 0.3 % or less (more than 50.0 MPa, a flow rate range of 0.5 to 3.5 mL/min is assumed.) |
| Maximum pressure | 100.0 MPa (A flow rate range of 0.05 to 1.35 mL/min is assumed.) | 100.0 MPa (A flow rate range of 0.5 to 3.5 mL/min is assumed.) |
| Dimensions | 225 (W) \times 470 (D) \times 150 (H) mm | 225 (W) \times 470 (D) \times 150 (H) mm |
| Approximate weight | 16 kg | 16 kg |

● Specifications are subject to change without notice.



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