LAMBDA PRECIFLOW, MULTIFLOW, HIFLOW, MAXIFLOW and MEGAFLOW laboratory peristaltic pumps are specially designed for long term continuous processes with flow rates from 0.2 μl/min to 60’000 ml/hour. High precision, reproducible and long term stable flow rates are achieved with the quartz driven motor and unique tubing compression technique in the large pump head.

**Reliable**
The pump’s unique compression mechanism reduces mechanical strain on the tubing and assures stable flow rates for weeks

**Small footprint**
The stackable and extremely compact peristaltic pump saves valuable bench-space in your laboratory

**Economic & easy to use**
LAMBDA peristaltic pumps do not have complicated heads and drives, making them easy to set-up and use even with low cost tubing

**Precise and reproducible flow rates**
Programmable flow rate profile: 0 - 99 steps of speed and time setting
Flow rate can be varied with the ratio of 1:1000
Long tubing life
Clockwise and anti-clockwise operation
RS-232 or RS-485 interface
Foot switch
PC remote control software, PNet
The LAMBDA Peristaltic Pump Family

**PRECIFLOW**
0.2 µl/min - 600 ml/h
Programmable
5 year warranty

**MULTIFLOW**
0.2 µl/min - 600 ml/h
Programmable
5 year warranty

**HIFLOW**
1 µl/min - 3'000 ml/h
Programmable
2 year warranty

**MAXIFLOW**
3 µl/min - 10'000 ml/h
Programmable
2 year warranty

**MEGAFLOW**
0.02 ml/min - 60 l/h
Programmable
2 year warranty

### Technical specifications

**Type**
Microprocessor-controlled programmable laboratory peristaltic pump

**Programming**
up to 99 steps of speed and time

**Time resolution**
0 to 999 minutes in 1 minute steps
0 to 99.9 minutes in 0.1 minute steps

**Accuracy**
± 1%

**Reproducibility**
± 0.2 % (electronics)

**Tubing**
Silicone tubing or other materials having similar elasticity;
Non-volatile memory
storage of all settings

**Maximum pressure**
approx. 0.1 MPa (1 bar) in clockwise rotation; approx. 0.15 MPa (1.5 bar) in counter-clockwise rotation

**Motor**
microprocessor controlled stepping motor *[PRECIFLOW & MULTIFLOW]*;
brushless long life BLDC motor with neodymium magnets *[HIFLOW, MAXIFLOW & MEGAFLOW]*

**Speed control range**
0 - 999

**Interface**
RS-485 or RS-232 (optional)

**Remote control**
0-10 V; (option 0-20 or 4-20 mA); foot switch; ON/OFF

**Dimensions**
10.5 (W) × 9.5 (H) × 10.5 (D) cm *[PRECIFLOW, MULTIFLOW, HIFLOW & MAXIFLOW]*;
18 (W) x 13 (H) x 16 (D) cm *[MEGAFLOW]*

**Safety**
CE, meets IEC 1010/1 norm for laboratory instrument

**Operation temperature**
0 – 40 °C

**Operation humidity**
0-90% RH, not condensing

For quotations, prices and further questions, contact us at: support@lambda-instruments.com