

High Flow - 2L

High Throughput with Repeatability

Indigenously designed and developed, the BioDuo peristaltic pump can be widely used for multiple applications across varied industries. It provides accuracy, repeatability and a failsafe solution for achieving zero downtime where continuous fluid transfer is of utmost importance. It is equipped with dual heads, a compact and ergonomic design, and its touch screen interface makes it extremely user-friendly.

Tubing ID (mm): 3 - 9.5 | Flow Rate (mL/min): 0.1 - 2000



High Flow - 3.5L

Higher Speed for Higher Dispensing Applications

BioDuo High Flow 3.5L series are designed for High Speed applications. These pumps are used in transfer & filtration with flow rates up to 3500mL/min. The pump is equipped with analog & digital ports to provide external control.

Tubing ID (mm): 3 – 9.5 | Flow Rate (mL/min): 0.1 - 3500



Smooth Flow

High Precision with Low Pulsation

Smooth Flow series of pumps are used for extreme low pulsation aseptic liquid dispensing. The 8 rollers in the SmoothFlow Series of pumps provide highly precise flow rates, for applications from media preparation to sample preparation, by efficiently dispensing all types of liquids, even highly viscous ones.

Tubing ID (mm): 2 - 4 | Flow Rate (mL/min): 0.01 - 250



ZERO DOWNTIME

Second head can take over pumping duty without interruptions, eliminating any downtime associated with repairs and replacements.

BioDuo peristaltic pump is used at our own facility for upstream and downstream biopharma processes. It provides accuracy, repeatability and most importantly a failsafe solution for achieving zero downtime in applications where continuous fluid flow is of utmost importance.

Used across filtration, media transfer, dosing and final filling.



2 IN 1 PERISTALTIC PUMP - PATENTED WORLDWIDE

No shearing of bio-molecules	Can be Remotely & Wirelessly Controlled
Low Pulsation Smooth Flow mode	Quick-Calibration
Traceability with Activity logging	Flow Timer to automate Process
Zero downtime with 2 Independent Pumps	No tube slipping
Non corrosive body for abrasive liquids	No condensation in cold rooms

PROTEIN PURIFICATION

- Chromatography
- Buffers/Solvent Transfer
- Filtration

ASEPTIC TRANSFER

- Bacteriological Broths
- Cell Culture Media
- To Reaction Assembly and Bioreactors

PRECISION FILLING

- Viscous Liquids
- Low Density Solvents
- Molten Agar In Petri Dishes

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