

## 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): 1.2 - 4 | Flow Rate (mL/min): 0.01 - 250



## High Flow

*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 | Flow Rate (mL/min): 0.1 - 2000



## Combo Flow

*1 Head Each High low + Smooth Flow*

Combo of Smooth Flow & High Flow gives the user the best of both series maximizing the flow range, with low pulsation, high accuracy & repeatability.

Tubing ID (mm): 1.2 - 9 | Flow Rate (mL/min): 0.01 - 2000



# 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

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

RESOLVE BIOTECH PRIVATE LIMITED

📍 4th Floor, Jet Prime, 39-B, Suren Road, Andheri (East), Mumbai - 400 093

☎ +91.90040.87254 | +91.22.6689.2407 | ✉ sales@resolvebiotech.com | 🌐 www.resolvebiotech.com