

# Low Pulsation Dispensing Peristaltic Pump

**Model NO. : IF3**

**Flow Rate : 0.01-4340mL/min**



## Product Features

Closed-loop stepper motor drive, high precision, low pulsation dispensing peristaltic pump.

The low pulsation pump head is special for high precision filling. Through the phase difference between the two sets of rollers, make the fluid peaks and valleys complementary, then reduce the pulsation of the fluid.

Adaptive pressure tubing space, extend the tubing lifetime effectively.

Achieving high precision dispensing of micro flow rate.

New flow rate mode, can be used for continuous transferring.

Can communicate with balance, closed-loop control.

## Pump Head



DY15/DY25



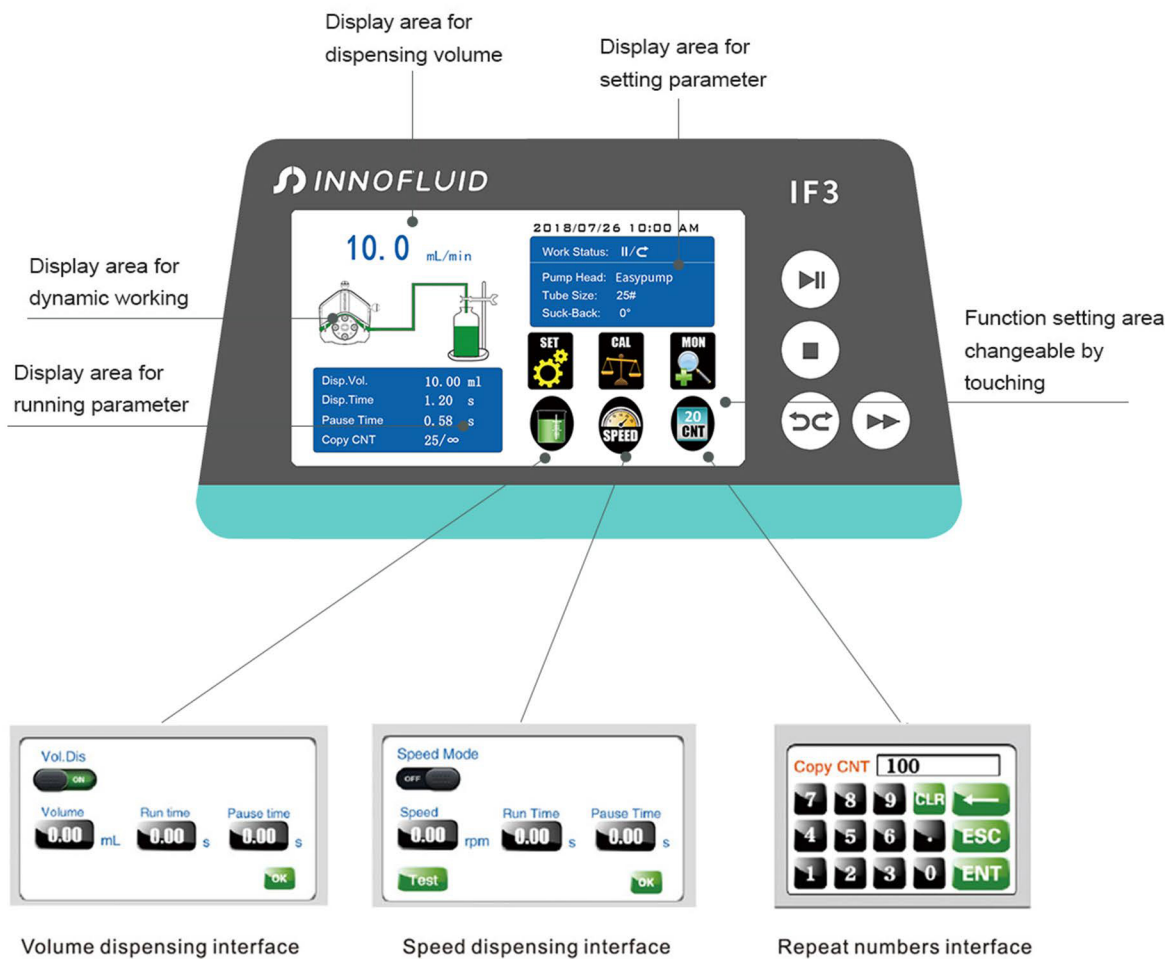
DY15/DY25

| Drive | Motor Type                | Pump Head | Tubing Size                       | Speed Range(rpm) | Flow Rate(mL/min) |
|-------|---------------------------|-----------|-----------------------------------|------------------|-------------------|
| IF3   | Closed-loop stepper motor | DY15      | 13#, 14#, 19#, 16#, 25#, 17#, 18# | 0.1-350          | 0.01~3337         |
|       |                           | DY25      | 15#, 24#, 35#, 36#                |                  | 0.42~4340         |

**Filling Volume Reference Parameter(Media is water)**

| Drive | Pump Head | Tubing | Filling Volume (mL) | Filling Time (s) | Accuracy (±%) | Output (pcs/min) | Motor Speed (rpm) |
|-------|-----------|--------|---------------------|------------------|---------------|------------------|-------------------|
| IF3   | DY15      | 14#    | 0.5                 | 0.5              | 0.8           | 40               | 94.19             |
|       |           | 14#    | 1                   | 0.6              | 0.8           | 38               | 156.99            |
|       |           | 14#    | 3                   | 1                | 0.5           | 30               | 282.57            |
|       |           | 19#    | 5                   | 1                | 0.8           | 30               | 234.38            |
|       |           | 16#    | 15                  | 1.5              | 0.5           | 24               | 290.42            |
|       |           | 25#    | 20                  | 1                | 0.5           | 30               | 258.29            |
|       |           | 17#    | 30                  | 1                | 0.5           | 30               | 282.53            |
|       |           | 18#    | 100                 | 2.5              | 0.5           | 17               | 251.73            |
|       | DY25      | 15#    | 10                  | 0.8              | 0.8           | 33               | 177.35            |
|       |           | 24#    | 30                  | 1                | 0.8           | 30               | 235.94            |
|       |           | 35#    | 70                  | 1.5              | 0.5           | 24               | 242.21            |
|       |           | 36#    | 100                 | 2                | 0.5           | 20               | 241.94            |

## Screen Display



## Dimension Drawing(Unit: mm)

