

## PERISTALTIC PUMP FILLING MACHINE

### MODEL: DZ2-8Z

- ✓ High Accuracy
- ✓ High Purity
- ✓ No pollution, Liquid Only Touches Tube
- ✓ Easy Operation
- ✓ All Kinds of Liquid Filling
- ✓ Wide filling range



#### [ Product introduction ]

- ◆ Double channel peristaltic pump
- ◆ Flow range: 0-1856ml/min
- ◆ Filling range: 0.1-30000mL
- ◆ The best filling volume: 2-800mL (time increases when filling volume increase)
- ◆ Adopt LANDTO-LED-DISPENSER-1 intelligent operation technology, imported chip STM32 control, With timing quantitative filling, high precision, Flow accuracy  $\pm 1\%$
- ◆ Peristaltic pump filling, 57 stepper motor drive, 128 Times segmentation, low vibration, high precision; the liquid only through the tube, don't touch pump body, to avoid secondary pollution.
- ◆ To Fill beverage, wine, petroleum, chemical, oil, pharmaceutical, pesticide and other viscosity or impurity liquid.
- ◆ To fill nutrient medium, and other medical reagent
- ◆ Imported potentiometer knob to adjust the flow
- ◆ Manual, auto, preset 3 filling modes for choice
- ◆ Support running time preset, interval time preset, filling time memory and preset
- ◆ Foot switch control
- ◆ 304 stainless steel filling nozzle
- ◆ Excellent industrial design, 304 stainless steel shell
- ◆ Power supply, AC 90-260V, 50Hz/60Hz

## [ Technical parameter ]

Model	DC2-1B double channel peristaltic pump
Filling machine	S600-YZ25 peristaltic pump (also S600-YZ15 for choice)
peristaltic pump tube	Standard is 24# tube
CPU	ARM Cortex-0 core,STM32chip
Motor drive chip	THB7128 SANYO drive chip
Filing range	0.1-30000mL
The best filling volume	2-800mL
Flow range	0-1856mL/min (Maximum 2400mL/min for the S600-YZ15 peristaltic pump)
Flow adjust	Import potentiometer knob to adjust the flow
Filling nozzle	Double (3 or 4 for choice)
Filling mode	Manual,auto, preset three filing modes for choice
Display	LED screen display the running data
Filling time preset	0.01s-999.9s
Interval time preset	0.01s-999.9s
Filling times	Maximum 59999 times
Filling time preset	Accumulate filling times, preset the filling time for choice
Operation mode	Membrane keypad operate, convenient, quick and reliable ;Import potentiometer knob to adjust the flow
Power-down memory function	After power on, running as before
Foot switch control	Foot switch control fro Start/Stop
Filling stand	Both height and length of the Stand are adjustable
Filling nozzle	304 stainless steel, standard inner diameter 6mm (3mm/4mm for choice)
Power consumption	<100W
Power supply	AC200-260V/50Hz, 110V/60Hz for choice
Operation conditions	Temperature 0-40 °C, Relative humidity < 80%
Dimensions	355mm×250mm×165mm ( doesn't including the filling stand )
Weight	5.1KG
IP rating	IP31

## [ Selection guide ]

Filling volume target (ml)	Filling time (Sec)	Actual filling volume (ml)	Actual filling volume (ml)	Actual filling volume (ml)	Actual filling volume (ml)	Actual filling volume (ml)
50ml	1.85	50.27	50.25	49.44	49.56	49.86
100ml	3.78	99.99	99.94	100.11	100.17	100.01
200ml	7.50	200.33	200.25	200.19	199.91	199.78
500ml	19.28	500.73	500.71	500.55	500.64	500.56

**Remarks:**  
1. All above testing data are for single channel

- 2. Above data are actual testing result of 5 times, at highest filling speed
- 3. Test media is water, the data is influenced by testing media

Filling volume target (ml)	Filling time (Sec)	Actual filling volume (ml)	Actual filling volume (ml)	Actual filling volume (ml)	Actual filling volume (ml)	Actual filling volume (ml)
30ml	2.5	30.33	30.25	29.86	30.5	30.45
60ml	5.0	60.28	60.35	60.56	60.17	60.66
100ml	8.3	100.38	100.25	100.56	99.91	99.70
200ml	16.6	200.73	200.51	200.38	200.54	200.28

**Remarks:**

- 1. All above testing data are for single channel
- 2. Above data are actual testing result of 5 times, at highest filling speed
- 3. Test media is laundry detergent, the exactly result is influenced by testing media

**[ Dimensions ]**

