

BD - 05T Series - Micro Diaphragm Pump

Model:BD-05T02500

Performance Data	
Model	BD-05T02500
Voltage range	1-5V/3.5V
Maximum flow	250/400/500/550ml/min (ALICAT Electronic Flowmeter)
Maximum negative pressure	-45KPa
Maximum positive pressure	+44KPa
Motor Data	
Motor type	DC brushed motor
Max power	0.5w
Waterproof lever	IP20
Physical Properties	
Storage temperature	-40℃~60℃
Operating environment	-20℃~45℃
Material	
Pump head	PPS
Diaphragm/valve	EPDM
Pump body	Nylon
Dimension	31*17*25mm
Weight	16.4g



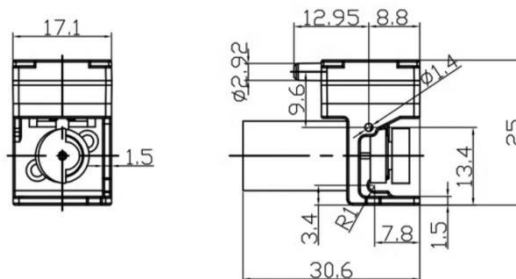
Features

Optimized pump body to ensure small volume, provide large flow and maintain relatively low power consumption.

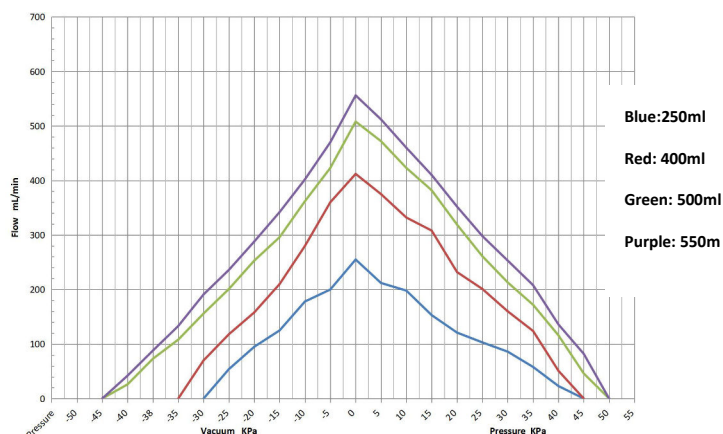
The gas flow is stable and the motor runs in a wide range.

- High efficiency
- Low leakage rate and non-pollution
- 24hours non-stop work
- Long lifetime: 2000hours

Drawing(mm)



Curve



Application fields

- VOC online Analysis
- CEMS
- Handheld Instruments
- Analysis Instrument
- Medical Device
- Food Processing
- Environmental Protection
- Automatic Production Line Robot