# BD - 05T Series - Micro Diaphragm Pump

# Model:BD-05T02500

Performance Data	
Model	BD-05T02500
Voltage range	1-5V/3.5V
	250/400/500/550ml/min
Maximum flow	(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



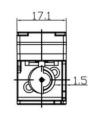
#### **Features**

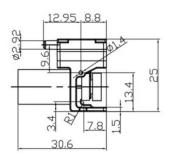
Optimized pump body to ensure small volume, provide large flow and maintain relatively low power consumption.

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

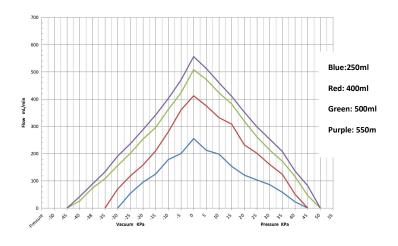
- High efficiency
- Low leakage rate and non-pollution
- 24hours non-stop work
- Long lifetime: 2000hours

## Drawing(mm)





#### Curve



## **Application fields**

**VOC online Analysis** 

CEMS

Handheld Instruments

**Analysis Instrument** 

Medical Device

**Food Processing** 

**Environmental Protection** 

**Automatic Production Line Robot** 

