



Membrane Technologies

# BioStar 50

## Bioburden Test System

**mdi** BioStar 50 bioburden test system is an easy to use, compact system, specially designed for using disposable funnels for microbial load testing. This system obviates the need of separate vacuum sources and manifolds, and minimizes the required work space and arrangement time.

The pump can be operated touch free with a motion sensor which offers the microbiologist increased convenience and flexibility in sample filtration. Three to six pumps can be used in parallel to carry out microbial testing of multiple samples for increased lab productivity.

**mdi** Biostar 50 can run on power as well as battery and has a battery backup of up to two hours.

### Key features

- Touch free operation
- Compact, portable battery operated
- Autoclavable SS 316L funnel adapter
- Easy filtrate drainage
- LED light indication- Green/Red/Orange for ON/OFF and battery charging respectively
- Parallel pump connectivity

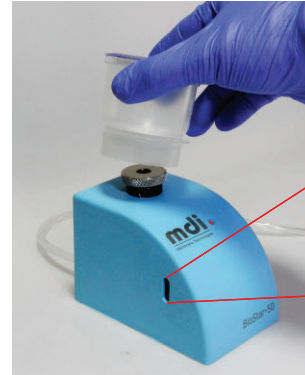
### Advantages

- It eliminates the need for a separate vacuum source
- Touchfree operation renders easy and efficient operation and control
- Maximizes LAF space and minimizes time and effort
- It obviates the need of continuous power supply
- No false negatives and false positives
- Different samples can be filtered simultaneously

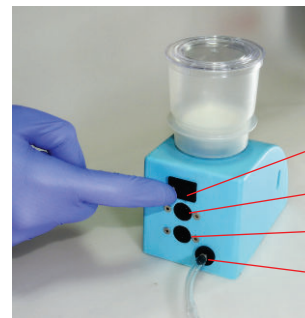
### Ordering Information

**For ordering, please specify the model number and quantity**

**Example:** BS 50,6 nos.



**Motion Sensor**



**On/off Switch**

**Charging Port**

**Pump Connectivity Port**

**Drain**



**SS 316L Funnel Adapter**

### Specifications

#### Dimensions and Weight

Length x Width x Height : 120 mm x 80 mm x 75 mm

Weight : 1.1 pound (500 gm)

**Maximum Storage Temperature** : 45 °C

#### Battery

Voltage : 9.0VDC

Type : Lithium Ion

**Power Supply** : 110-240V, 50-60Hz

**Current Consumption** : 250 mA for each pump