

## S660i Syringe Pump



### Features

#### **Compatible**

Automatic syringe calibration, suitable for all international brands.

#### **Convenient**

“Openable slider hook”, convenient to clamp syringe plunger.

#### **Powerful**

Battery capable to support more than 2 hours at fixed delivery rate.

#### **Energy saving**

Idle channel can be set to sleeping mode.

## Technical Specifications

**S660i**  
Syringe Pump

### Syringes

10, 20 30, 50 mL of calibrated syringes

### Flow Rate

0.1 ~ 1500 mL/h (specified value 0.1 ~ 999.9 mL/h, 0.1 mL/h step  
(specified value 1000 mL/h or above, 1 mL/h step)

50 mL syringe

0.1 ~ 900 mL/h (0.1 mL/h step) 30 mL syringe

0.1 ~ 600 mL/h (0.1 mL/h step) 20 mL syringe

0.1 ~ 400 mL/h (0.1 mL/h step) 10 mL syringe

### Purge rate

1500 mL/h 50 mL syringe

900 mL/h 30 mL syringe

600 mL/h 20 mL syringe

400 mL/h 10 mL syringe

### Accuracy of flow rate (Nominal value)

Accuracy including syringe : within  $\pm 2\%$

Mechanical accuracy : within  $\pm 1\%$

### Display range of volume delivered

0.1 ~ 9999 mL (0.1 ~ 999.9 mL, 0.1 mL step)  
(1000 ~ 9999 mL, 1 mL step)

### Setting of delivery limit

0.1 ~ 9999 mL (0.1 ~ 999.9 mL, 0.1 mL step)  
(1000 ~ 9999 mL, 1 mL step)

### Occlusion detection pressure

'H' :  $800 \pm 200$  mmHg ( $106.7 \pm 26.7$  kPa) or  $1.09 \pm 0.27$  kgf/cm<sup>2</sup>

'C' :  $500 \pm 100$  mmHg ( $66.7 \pm 13.3$  kPa) or  $0.68 \pm 0.13$  kgf/cm<sup>2</sup>

'L' :  $300 \pm 100$  mmHg ( $40.7 \pm 13.3$  kPa) or  $0.41 \pm 0.13$  kgf/cm<sup>2</sup>

### Alarms

'Occlusion', 'Nearly empty', 'Finish', 'Syringe dislocated',

'Plunger/Clutch disengaged', 'Battery low', 'Battery exhausted',

'Power cable disconnected', 'Flow rate over limit', 'Volume over limited', 'System error',

'Non-operation time over'

### Power

AC110~220V  $\pm 10\%$ , 50~60 Hz  $\pm 1$  Hz

Inner NiMH battery : DC 12V

Continuous operation time of battery : over 6 hours for one channel, over 4 hours for dual channel when battery is recharged for 12 hours, at flow rate 5 mL/h.

### Operation conditions

Ambient temperature : 5 to 40° C

Relative humidity : 20% to 80%

### Storage conditions

Ambient temperature : - 40 to 55° C

Relative humidity : 95%

### Electric shock protection/class

Class I and internal power supply : Type CF, Continuous operation

### Waterproof level

IP 44

### Weight

3.45kg (with clamp base)

### Dimension

354mm (Width) x 190mm (Height) x 128mm (Depth)

### Function

- Dual-channel with different flow rate
- Channel sleeping function
- Syringe size automatic calibration
- Syringe size automatic identification
- 3-level occlusion alarm limits setting
- Automatically reduce impact dose release after occlusion
- Limits setting
- Delivered volume display
- KVO flow rate
- Operation error prompt
- Purge rate setting
- "Purge" button activate safe protection
- Flow rate setting button lock
- Abundant audio visual alarm
- AC and internal power indication
- Standard Rs232 interface
- 500 history records

## Omya Healthcare Ltd.

#116, Shailendra TechnoPark, EPIP  
Whitefield, Bengaluru - 560 066.

T: +91 80 4284 5900, F: +91 80 4284 5971,

Email : Sales@Omya-Healthcare.com

www.Omya-Healthcare.com

Represented by: