

# VOLUMETRIC INFUSION PUMP/SYRINGE PUMP MEDIFUSION® DI-4000/DS-3000



**DI-4000**



- ∟ DURAL ABILITY OF RACK / STANDALONE SYSTEM
- ∟ DRUG LIBRARY / IV SET LIBRARY MAX 300
- ∟ ANTI-BOLUS / LANGUAGE CONFIGURATION
- ∟ SECONDARY MODE / EASY USER INTERFACE
- ∟ FEEDING FOR ENTERAL NUTRITION



**DS-3000**

- ∟ DURAL ABILITY OF RACK / STANDALONE SYSTEM
- ∟ AUTO-CALIBRATION / SYRINGE AUTO-RELOAD AND AUTO-UNLOAD
- ∟ DRUG LIBRARY / SYRINGE LIBRARY MAX 300
- ∟ ANTI-BOLUS / LANGUAGE CONFIGURATION
- ∟ SECONDARY MODE / EASY USER INTERFACE

# SPECIFICATION REFERENCE



## DI-4000 Infusion Pump Specification Reference

<b>Product Name</b>	Volumetric Infusion Pump	
<b>Model Name</b>	DI-4000	
<b>Infusion Principle</b>	Peristaltic transit finger	
<b>Range of Flow Rate</b>	0.1 ~ 1,200 ml/h	0.1~99.9ml/h (0.1ml/h increments) 100~1,200ml/h (1ml/h increments)
<b>Accuracy of set delivery rate</b>	5% with assigned IV set	
<b>Range of Volume</b>	<b>Total Vol.</b>	0.1~99.9ml (0.1ml step) 100~9999ml (1ml step)
	<b>Infused Vol.</b>	0.1~99.9ml (0.1ml step) 100~9999ml (1ml step)
<b>Bolus rate</b>	1~1200ml/h (1ml/h step)	
<b>Bolus Volume</b>	0.1~99.9ml (0.1ml step)	
<b>Purge Rate</b>	1~1200ml/h (1ml/h step)	
<b>Purge volume</b>	0.1~99.9ml (0.1ml step)	
<b>Dosage mode</b>	Dose rate:0~5000mcg/kg/min (0.001mcg/kg/min step) Body weight : 0~300kg (0.1kg step) Solution volume : 0~9999ml (0.1ml step) Drug volume : 0~800mg/ml (0.001mg/ml step)	
<b>K.V.O Rate</b>	1ml/h(default) 1 ~ 9ml/h	Flow Rate 1.0 ~ 1200ml/h
	0.1ml/h(default)	Flow Rate 0.1 ~ 0.9ml/h
<b>Occlusion alarm</b>	9 level 60~850mmHg	
<b>Display</b>	<ul style="list-style-type: none"> <li>AC 100~240 VAC, 50~60Hz, (Fuse : 250V, T3.15A)</li> <li>DC 12V(500mA)</li> <li>Ni-MH Rechargeable Battery                             <ul style="list-style-type: none"> <li>- 2,000 mA/h, AA, 1.2V, 8 ea</li> <li>- Operating Time : approx. 6 hours at a flow rate of 25ml/h</li> <li>- Recharging Time : approx. 5 hours</li> </ul> </li> </ul>	
<b>Power consumption</b>	34 VA	
<b>Protection Type</b>	<ul style="list-style-type: none"> <li>Protection from electric shock : class I</li> <li>Protection capacity for electric shock : Type CF</li> <li>Protection from liquid infiltration : IPX 1 (drip-proof)</li> </ul>	
<b>EMC/Standard</b>	EN 60601-(1, 1-2, 1-8, 2-24)	
<b>Size (D×W×H)</b>	260×130×91	
<b>Weight (kg)</b>	1.8	

## DS-3000 Syringe Pump Specification Reference

<b>Product Name</b>	Volumetric Syringe Pump	
<b>Model Name</b>	DS-3000	
<b>Range of Flow Rate</b>	0.1~99.9ml/h (0.1ml/h step) 100~1500ml/h (1ml/h step)	1. 5ml Syringe : 0.1~200ml/h 2. 10ml Syringe : 0.1~300ml/h 3. 20ml Syringe : 0.1~400ml/h 4. 30ml Syringe : 0.1~500ml/h 5. 50/60ml Syringe : 0.1~1500ml/h
	1. Mechanic : ±1% 2. ±3% Dedicated syringe 3. ±3% Calibrated syringe	
<b>Range of Volume</b>	<b>Total Vol.</b>	0.1~99.9ml (0.1ml step) 100~9999ml (1ml step)
	<b>Infused Vol.</b>	0.1~99.9ml (0.1ml step) 100~9999ml (1ml step)
<b>Bolus rate (=Purge rate)</b>	1~1500ml/h (1ml/h step)	1. 5ml Syringe : 200ml/h 2. 10ml Syringe : 300ml/h 3. 20ml Syringe : 400ml/h 4. 30ml Syringe : 500ml/h 5. 50/60ml Syringe : 1500ml/h
	<b>Bolus(Purge) Volume</b> 0.1~99.9ml(0.1ml step)	
<b>Purge Rate</b>	1~1200ml/h (1ml/h step)	
<b>Purge volume</b>	0.1~99.9ml (0.1ml step)	
<b>Dosage mode</b>	Dose rate : 0~5000mcg/kg/min(0.001mcg/kg/min step) Body weight : 0~300kg (0.1kg step) Solution volume : 0~9999ml (0.1ml step) Drug volume : 0~800mg/ml (0.001mg/ml step)	
<b>K.V.O Rate</b>	1ml/h(default) 1 ~ 9ml/h	Flow Rate 1.0 ~ 1500ml/h
	0.1ml/h(default)	Flow Rate 0.1 ~ 0.9ml/h
<b>Occlusion alarm</b>	9 level 60~850mmHg	
<b>Display</b>	Mono Graphic LCD(240×64) LED : AC/DC, Operating, Warning	
<b>Power supply</b>	<ul style="list-style-type: none"> <li>AC 100~240 VAC, 50~60Hz,(Fuse : 250V, T3.15A)</li> <li>DC 12V(500mA)</li> <li>Ni-MH Rechargeable Battery                             <ul style="list-style-type: none"> <li>- 2,000 mA/h, AA, 1.2V, 8 ea</li> <li>- Operating Time : approx. 6 hours at a flow rate of 5ml/h</li> <li>- Recharging Time : approx. 5 hours</li> </ul> </li> </ul>	
<b>Power consumption</b>	34 VA	
<b>Protection Type</b>	<ul style="list-style-type: none"> <li>Protection from electric shock : class I</li> <li>Protection capacity for electric shock : Type CF</li> <li>Protection from liquid infiltration : IPX 1 (drip-proof)</li> </ul>	
<b>EMC/Standard</b>	EN 60601-(1, 1-2, 1-8, 2-24)	
<b>Size (D×W×H)</b>	260×130×91	
<b>Weight (kg)</b>	1.8	