![SN SINO MDT logo]

SINO MDT

Care your concern

The World-class Quality Medical Pumps

Build Quality , Build Reliability

Sino Medical-Device Technology Co., Ltd.

www.sinomdt.com

SN-50C6/SN-50C66R Syringe Pump

SN-50C66R supports wireless communication function

$C\epsilon$ 0123

Easy to use, high quality syringe pump

Accurate: Calibrating automatically, compatible with all brands of syringes

Stable: Quality parts and rigorous manufacturing process management secure stability

Convenient: Openable slider hook accounts for accessible to clamp the syringe plunger

Smart: With built-in wireless communication module, provides smart networking and management function (SN-50C66R)

Syringe status indicator

Indicating the syringe installation and injection status intuitively

Identifying 10/20/30/50mL syringe size automatically

Syringe calibration

1) Technology of patented invention ensures the injection accuracy for all brands of syringes.
2) Calibratable function leads to high degree of accuracy during the whole life cycle of the pump.

Openable slider hook

Easy installation

The above features applicable for all modes of syringe pumps.

SN-50C6T Syringe Pump

CE 0123

Weight-mode LCD screen
1.Calculating the delivery rate quickly and accurately
2.It can be used as SN-50C6 if close the screen

Drug library Function(Optional)

Portable structure *
Easy-carried

RS232 interface *

Anti-slip mat at the bottom *
Stable to placement

Multi-direction clamp for fixation *
Vertical pole installation

Multi-direction clamp for fixation *
Horizontal pole installation

The features marked by " * " are applicable for both syringe pumps and infusion pumps

SN-50F6/SN-50F66R Syringe Pump

SN-50F66R supports wireless communication function

CE 0123

Easy to use, high quality syringe pump

Accurate: Calibrating automatically, compatible with all brands of syringes

Stable: Quality parts and rigorous manufacturing process management secure stability

Convenient: Openable slider hook accounts for accessible to clamp the syringe plunger

Energy saving: Sleeping mode is available to either idle channel

Smart: With built-in wireless communication module, provides smart networking and management function (SN-50F66R)
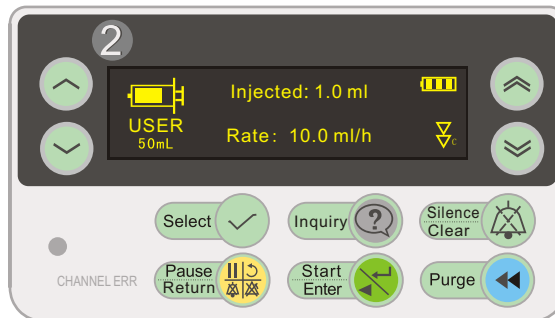
Idle channel sleeping mode
Saving battery, no interference with the other channel

Dual-channel
Dual color design distinguishes the two channels easily

SN-50T66/SN-50T66R Syringe Pump $C \in$ 0123

SN-50T66R supports wireless communication function

OLED high definition and brightness display

Providing "Flow Rate" "Time" and "Body Weight Mode"

1. Syringe Sett.: Enter
2. Alarm Voice : 6
3. Key Tone : disable
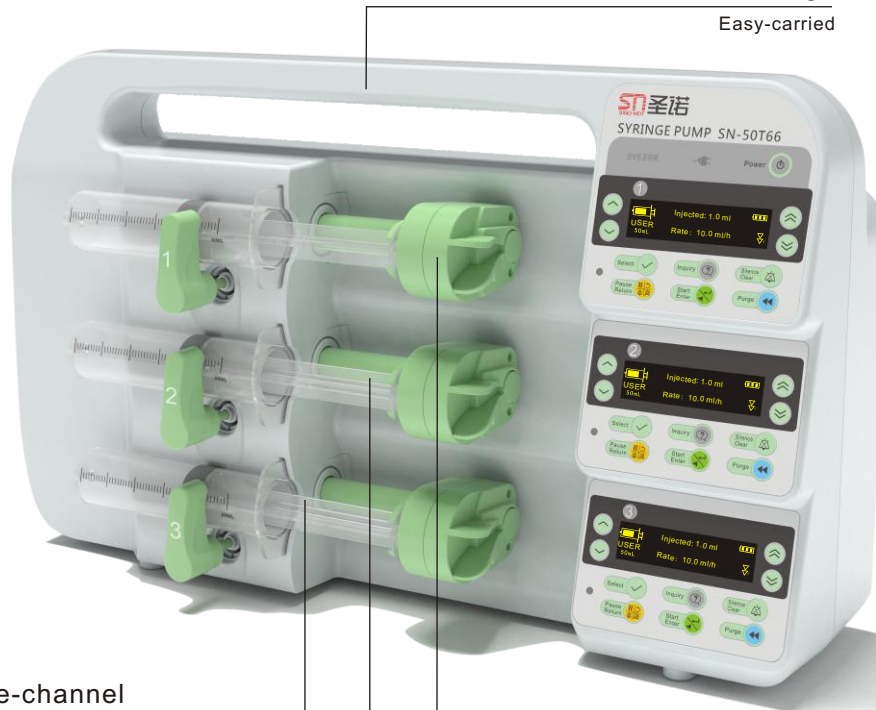4. Residue Mode: Volu. 0.1 ml

Dose: 0.01 mg/(kg.min) Rate:
0.0 ml/h
Drug : Weight: Volume:
0.0 mg 0.0 kg 0.0 ml

Inj.Time: 00 : 01 : 00
Volume : Rate: Injected:
0.0 ml 0.0 ml/h 0.0 ml

Inj. Rate : 5.0 ml/h
Limit Vol. : 0.0 ml Injected:
0.0 ml

Portable design
Easy-carried

SYRINGE PUMP SN-50T66

Triple-channel

Syringe and operation panel are located on the same level to provide accessibility.

SN-1500H/SN-1500HR Infusion pump

CE 0123

SN-1500HR supports wireless communication function

Easy to use, high quality infusion pump

Elegant: Horizontal structure, effectively prevent liquid penetration into the pump; it can be fixed on the pole, or placed on the desk.

Accurate: Smart pulsation compensation, the actual flow rate is more uniform, the infusion process more comfortable

Comfortable: The heating function makes the infusion comfortable and accurate.

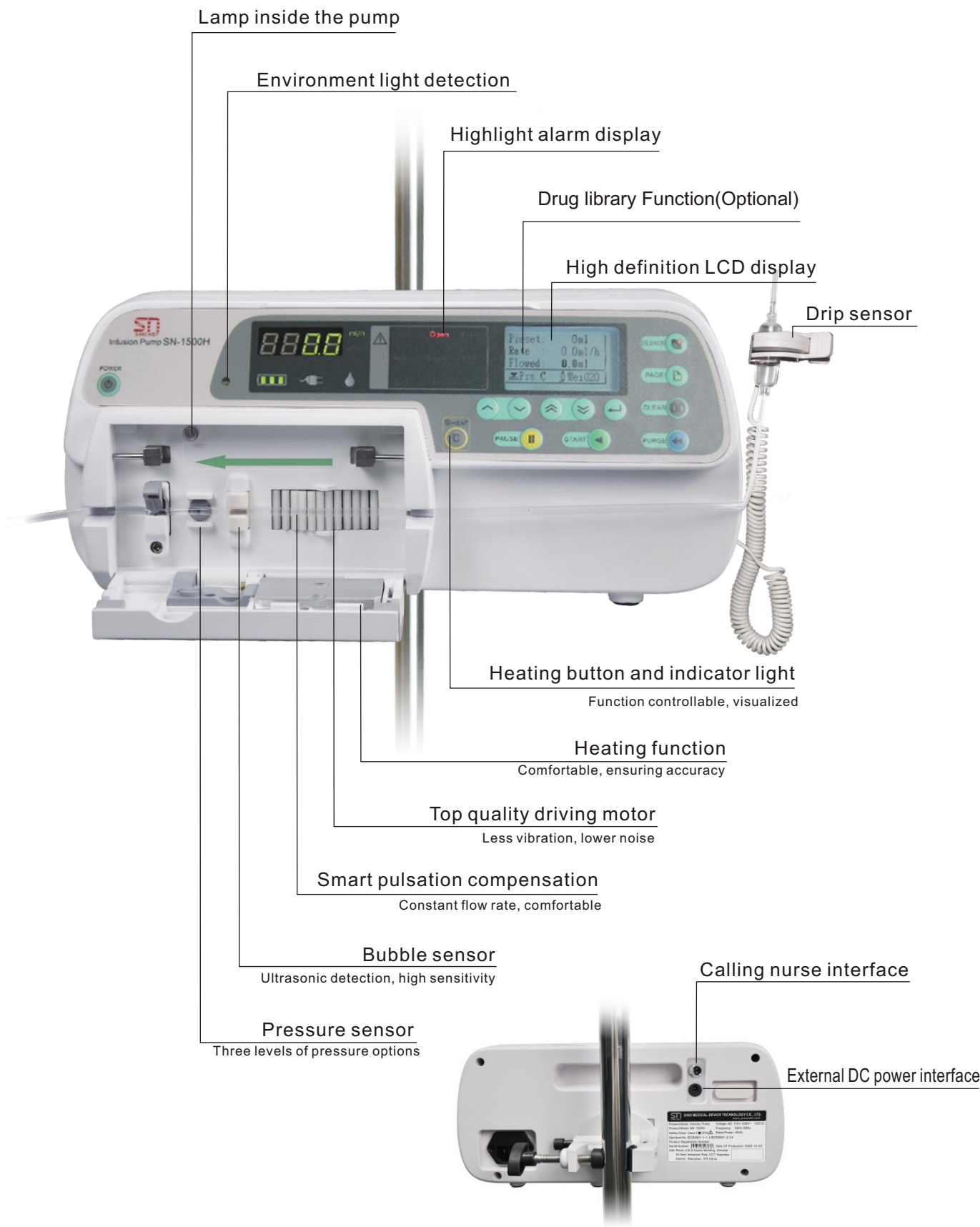**Quiet:** Top quality driving motor, less vibration, lower noise

Secure: Dual-CPU monitoring, more secure

Humanization: Night working lamp, humanization design

Convenient: Four types of infusion mode, convenient for operation.

Smart: With built-in wireless communication module, provides smart networking and management function (SN-1500HR)

Lamp inside the pump

Environment light detection

Highlight alarm display

Drug library Function(Optional)

High definition LCD display

Drip sensor

SN Infusion Pump SN-1500H

Preset: 0ml
Rate: 0.0ml/h
Flowed: 0.0ml
Pres.C   We1020

POWER

SILENCE

PAGE

CLEAR

HEAT

PAUSE   START   PURGE

Open

m/m

Heating button and indicator light
Function controllable, visualized

Heating function
Comfortable, ensuring accuracy

Top quality driving motor
Less vibration, lower noise

Smart pulsation compensation
Constant flow rate, comfortable

Bubble sensor
Ultrasonic detection, high sensitivity

Calling nurse interface

External DC power interface

Pressure sensor
Three levels of pressure options

SN SINO MEDICAL-DEVICE TECHNOLOGY CO., LTD.

SN-1600V/SN-1600VR Infusion Pump

CE 0123

Smart SPACE Infusion Pump

Accurate：Patent algorithm on smart pulsation compensation, more accurate and stable

Quiet：Top quality driving motor, less vibration, lower noise

Safe：Dual-CPU monitoring, more secure

Convenient：Support speed mode, drip mode

Endurance：Battery endurance more than 8 hours（at 25ml/h）

Smart：Support wireless communication, smart wireless management（SN-1600VR）

Running status light, easy for observing machine status

Environment light detection

Sleek portable design, ONLY 1.8kg

LED displaying key information

LCD screen display detailed specification and setting

Numeric keypad, fast input

Anti-slip mat at the bottom, easy for placement

Rate: 40.0 ml/h
Preset: 30.0 ml
Flowed: 15.6 ml

Mode: Speed

SN-1600V
Infusion Pump

40.0

SN-1800V/SN-1800VR Infusion Pump

CE 0123

Smart SPACE Infusion Pump

Accurate：Patent algorithm on smart pulsation compensation, more accurate and stable

Quiet：Top quality driving motor, less vibration, lower noise

Safe：Dual–CPU monitoring, more secure

★ **Powerful:** Support speed mode, drip mode, body weight mode, time mode and infusion plan

Endurance：Battery endurance more than 8 hours（at 25ml/h）

Smart：Support wireless communication, smart wireless management（SN–1800VR）

Running status light, easy for observing machine status

Environment light detection

Sleek portable design, ONLY 1.8kg

LED displaying key information

LCD screen display detailed specification and setting

Numeric keypad, fast input

Anti-slip mat at the bottom, easy for placement

SN-1800V
Infusion Pump

40.0

Rate: 40.0 ml/h
Preset: 30.0 ml
Flowed: 15.6 ml

Mode: Speed

Baoan

SN-**2000V**/SN-**2000VR** InfusionPump

CE 0123

Easy to use, high quality infusion pump

Elegant: vertical structure, effectively prevent the penetration of liquid into the pump; It can be fixed on the pole or placed on the desk.

Small size: extremely reduced size and weight that allow the handling and transport with ease.

Precise: intelligent compensation of the peristaltic movement, the flow velocity is more uniform,

Comfortable: the infusion process is comfortable.

Silent: the presence of a backlight for night viewing.

Safety: peristaltic system of high quality, low vibration, quiet. Dual CPU for monitoring, safety.

Comfortable: four modes of infusion, including the ability to infuse blood. Convenient operations.

Intelligent: with internal module for wireless communication, provides intelligent functions for the network management of the pumps.

SN-**600N**/SN-**600NR** Pompa di Nutrizione Enterale
Portello trasparente, processo di infusione visibile

Conveniente: Portello trasparente la cam può essere staccata per la pulizia

Compatto: Elegante design, pesa solo 1,3 Kg.

Sicuro: Spie di funzionamento nella parte superiore, esterno impermeabile

Intelligente: Uscita intermittente bionica, comunicazione wireless, suoni di allarme regolabili

SN-Unicare Infustation

Integrate Infusion and Syringe Pumps into One System

Safe: Power supplied by one unified power cord, more secure

Convenient: Easy to install, convenient for operation and maintenance

Centralized: Up to 8 pumps can be installed in one system, save space greatly(4/5/6/7 pumps for option)

Multi-functional: With infusion pothook, support different infusion equipments at the same time

Economical: compact design, compatible with a variety of infusion supports, significantly reduce the cost

Flexible to integrate 1-8 Channels Sysringe Pump and Horion Infusion Pump

SN-U4A

Light design(Without pumps and stand)

SN-U6   SN-U8

Elegant design(Without pumps)

SN-M100 Infusion Monitoring System

Intelligent Infusion Monitoring System

Intelligent: Real-time intelligent monitoring, easy to master infusion state
Powerful: Managing up to 500 syringe pumps or infusion pumps at the same time
Accessable: Wireless communication, easy access to each patient-bed
Convenient: Graphical user interface, easy for remote monitoring

In the past, you have to shuttle in a number of patient-beds from time to time to get the latest infusion state of each pump, but now, you can simply glance at the monitor or the handset, and everything is under your eyes!

Parts of the system: central station, monitor, handset, routing node, syringe pump / infusion pump

ISO13485 $C\,\epsilon$ 0123

SN-50C6/SN-50C66R Syringe Pump

Specification (Single-Channel)

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)　　50 mL syringe (specified value 1000 mL/h or above, 1mL/h step) 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 ±2% Mechanical accuracy: within ±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±200 mmHg (106.7±26.7 kPa) or 1.09±0.27 kgf/cm2 'C': 500±100 mmHg (66.7±13.3 kPa) or 0.68±0.13 kgf/cm2 'L': 300±100 mmHg (40.7±13.3 kPa) or 0.41±0.13 kgf/cm2
Alarms	'Occlusion', 'Nearly empty', 'Finish', 'Syringe dislocated', 'Plunger/Clutch disengaged', 'Battery low', 'Battery exhausted', 'Power cable disconnected', 'Flow rate over limit', 'Volume over limit', 'System error', 'Non-operation time over'
Power	AC110~220V ±10%, 50/60 Hz ±1 Hz Inner NiMH battery: DC12 V Continuous operation time of battery: over 6 hours for one channel when battery is recharged for 12 hours, at flow rate of 5 mL/h.
Operation conditions	Ambient temperature: 5 to 40 ℃, Relative humidity: 20% to 80%
Storage conditions	Ambient temperature: -20 to 55 ℃, Relative humidity: ⩽ 95%
Electric shock protection/class	Class I and internal power supply: Type CF, Continuous operation
Water proof level	IPX4
Weight	2.25kg (with clamp base)
Dimension	306mm (Width)×135mm (Height)×127mm (Depth)

Function

Calibrating syringe automatically	Fast rate control
Identifying syringe size automatically	"Purge" button activate safe protection
3-level occlusion alarm limits setting	Flow rate setting button lock
Automatically reducing impact dose release after occlusion	Abundant optic and sound alarm
Limits setting	AC and internal power indication
Delivered volume inquiry	Standard RS232 interface
KVO flow rate (0.1-1.0ml/h adjustable)	1000 history records
Wireless communication (SN-50C66R)	Multi-direction clamp for either horizontal or vertical fixation

SN-50C6T Syringe Pump

Specification(Single-Channel, Body Weight Mode)

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) 50 mL syringe (specified value 1000 mL/h or above, 1mL/h step) 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 ±2% Mechanical accuracy: within ±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±200 mmHg (106.7±26.7 kPa) or 1.09±0.27 kgf/cm2 'C': 500±100 mmHg (66.7±13.3 kPa) or 0.68±0.13 kgf/cm2 'L': 300±100 mmHg (40.7±13.3 kPa) or 0.41±0.13 kgf/cm2
Alarms	'Occlusion', 'Nearly empty', 'Finish', 'Syringe dislocated', 'Plunger/Clutch disengaged', 'Battery low', 'Battery exhausted', 'Power cable disconnected', 'Flow rate over limit', 'Volume over limit', 'System error', 'Non-operation time over'
Power	AC110~220V ±10%, 50/60 Hz ±1 Hz Inner NiMH battery: DC12 V Continuous operation time of battery: over 6 hours for one channel when battery is recharged for 12 hours, at flow rate of 5 mL/h.
Operation conditions	Ambient temperature: 5 to 40 ℃, Relative humidity: 20% to 80%
Storage conditions	Ambient temperature: -20 to 55 ℃, Relative humidity: ≤ 95%
Electric shock protection/class	Class I and internal power supply: Type CF, Continuous operation
Water proof level	IPX4
Weight	2.25kg (with clamp base)
Dimension	306mm (Width)×135mm (Height)×127mm (Depth)

Function

Body weight mode input	Operation error prompt
Calibrating syringe automatically	Fast rate control
Identifying syringe size automatically	"Purge" button activate safe protection
3-level occlusion alarm limits setting	Flow rate setting button lock
Automatically reducing impact dose release after occlusion	Abundant optic and sound alarm
Limits setting	AC and internal power indication
Delivered volume inquiry	Standard RS232 interface
KVO flow rate(0.1-1.0ml/h adjustable)	1000 history records
Multi-direction clamp for either horizontal or vertical fixation	Drug library Function(Optional)

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SN-50F6/SN-50F66R Syringe Pump

Specification (Dual-Channel)

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)　50 mL syringe (specified value 1000 mL/h or above, 1mL/h step) 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 ±2% Mechanical accuracy: within ±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±200 mmHg (106.7±26.7 kPa) or 1.09±0.27 kgf/cm2 'C': 500±100 mmHg (66.7±13.3 kPa) or 0.68±0.13 kgf/cm2 'L': 300±100 mmHg (40.7±13.3 kPa) or 0.41±0.13 kgf/cm2
Alarms	'Occlusion', 'Nearly empty', 'Finish', 'Syringe dislocated', 'Plunger/Clutch disengaged', 'Battery low', 'Battery exhausted', 'Power cable disconnected', 'Flow rate over limit', 'Volume over limit', 'System error', 'Non-operation time over'
Power	AC110~220V ±10%, 50/60 Hz ±1 Hz Inner NiMH battery: DC12 V 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 of 5 mL/h.
Operation conditions	Ambient temperature: 5 to 40 ℃, Relative humidity: 20% to 80%
Storage conditions	Ambient temperature: -20 to 55 ℃, Relative humidity: ≤ 95%
Electric shock protection/class	Class I and internal power supply: Type CF, Continuous operation
Water proof level	IPX4
Weight	3.45kg (with clamp base)
Dimension	354mm (Width)×190mm (Height)×128mm (Depth)

Function

Dual-channel with different flow rate	Calibrating syringe automatically
Channel sleeping function	Fast rate control
Identifying syringe size automatically	"Purge" button activate safe protection
3-level occlusion alarm limits setting	Flow rate setting button lock
Limits setting	Abundant optic and sound alarm
Automatically reducing impact dose release after occlusion	AC and internal power indication
Delivered volume inquiry	Standard RS232 interface
KVO flow rate(0.1-1.0ml/h adjustable)	1000 history records
Wireless communication (SN-50F66R)	Multi-direction clamp for either horizontal or vertical fixation

SN-50T66/SN-50T66R Syringe Pump

Specification (Triple-Channel)

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)　　50 mL syringe (specified value 1000 mL/h or above, 1mL/h step) 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 ±2% Mechanical accuracy: within ±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±200 mmHg (106.7±26.7 kPa) or 1.09±0.27 kgf/cm2 'C': 500±100 mmHg (66.7±13.3 kPa) or 0.68±0.13 kgf/cm2 'L': 300±100 mmHg (40.7±13.3 kPa) or 0.41±0.13 kgf/cm2
Alarms	'occlusion', 'nearly empty', 'finish', 'syringe size error',"clutch error" 'plunger error', 'battery low', 'battery exhausted', 'power cable disconnected', 'flow rate over limit', 'volume over limit', 'system error', 'non-operation time over', 'communication error'
Power	AC110~230V, 50/60 Hz Inner NiMH battery: DC12 V, 2300mAH Continuous operation time of battery: after battery is recharged for 6 hours, support over 10 hours for one channel, over 4 hours for triple channel at flow rate of 5 mL/h.
Operation conditions	Ambient temperature: 5 to 40 ℃, Relative humidity: 20% to 90%
Storage conditions	Ambient temperature: -20 to 55 ℃, Relative humidity: ≤ 95%
Electric shock protection/class	Class I and internal power supply: Type CF, Continuous operation
Water proof level	IPX4
Weight	5.4kg (with clamp base)
Dimension	455mm (Width)×250mm (Height)×139mm (Depth)

Function

Triple channel with different flow rate	KVO flow rate(0.1-1.0ml/h Adjustable)
Channel sleeping function	Fast rate control
Calibrating syringe automatically	"Purge" button activate safe protection
Identifying syringe size automatically	Flow rate setting button lock
3-level occlusion alarm limits setting	Abundant optic and sound alarm
Automatically reducing impact dose release after occlusion	AC and internal power indication
Limits setting	Standard RS232 interface
Delivered volume inquiry	1000 history records
Wireless communication (SN-50T66R)	Operation error prompt
OLED high definition and brightness display	

SN-1500H/SN-1500HR Infusion Pump

ISO13485 CE 0123

Specification

Flow rate	0.1~1500 mL/h (0.1 mL/h step, if the value is 100 mL/h or above, the step is 1mL/h)
Bolus rate	600~1000 mL/h (Adjustable)
KVO rate	0.1~5 mL/h (Adjustable)
Occlusion accuracy	'H': 900±200 mmHg (120.7±26.7 kPa) 'C': 500±100 mmHg (66.7±13.3 kPa) 'L': 100±50 mmHg (13.3±6.6 kPa)
Accuracy of infusion	≤ ±5%(≤±3% for calibrated infusion apparatus)
Bubble detector	Ultrasonic detection method, detection sensitivity: 25μl
Infusion history records	1500 pcs
Preset volume	1~9999 mL
Display range of totally delivered volume	0~9999 mL(0.1 mL step, if the value is above 100 mL, the step is 1 mL)
Alarms	'Finish infusion', 'Occlusion', 'Bubble', 'Door open', 'Power Supply Breakdown', 'Battery low', 'Battery exhausted', 'No Operation', 'System error', 'Not-calibration ', 'KVO complete', 'Drip sensor abnormal'
Power	AC110~230V, 50/60 Hz Inner battery: DC12 V, 2300mAH In fully charged status, the device can working for more than 5 hours at the rate of 25mL/h (containing the time of battery low. Larger battery volume is optional) Outside DC power supply: DC 12V
Operation conditions	Ambient temperature: +5 ~+40 ℃, Relative humidity: 20% to 90%, Ambient pressure: 86~ 106KPa
Storage conditions	Ambient temperature: -20 to +55 ℃,Relative humidity: ≤ 95%
Electric shock protection/class	Class I and internal power supply: Type CF, Continuous operation
Water proof level	IPX4
Communication (Option)	(1) Cable - Serial RS232 (2) Wireless communication - zigbee
Infusion mode setting	Rate mode,drip mode , weight mode and time mode. two groups of infusion program can be set under 'rate mode' and 'drip mode' .
Infusion rate	3 mode: Drip/min, mL/h, time/volume
Weight	2.5kg (with clamp base)
Dimension	308mm (Width)×140mm (Height)×144mm (Depth)
Infusion apparatus	Can save 9 brands of Infusion apparatus , the infusion accuracy can reach ±3% after calibration.
Scope of application	With the pressure generated by the infusion pump to control the injected flow rate and delivery volume of liquid (medicine, intravenous nutrition) to the patient
Contraindications	This product is not available for blood transfusion

Function

Tube heating function	3-level occlusion alarm limits setting	Wireless communication function (SN-1500HR)	External DC power interfere
Dual-CPU monitoring function	Ultrasonic bubble detection	Night inner lighting function	AC and internal power indication
Abundant optic and sound alarm	Infusion apparatus calibration	Smart pulsation compensation function	Standard RS232 interfere
Body-weight mode conversion	Calling nurse interfere	Detection of drip sensor	1500 history records
Pressure dynamic display	KVO function	Fast rate control	Waterproof design
Multi-direction clamp for either horizontal or vertical fixation		Drug library Function(Optional)	

SN-1600V/SN-1600VR Infusion pump

ISO13485 CE 0123

Specification

Flow rate	1~1500 mL/h (0.1 mL/h step, if the value is 100 mL/h or above, the step is 1mL/h)
Bolus rate	200~1000ml/h(it can be adjustable)
KVO rate	1ml/h~5ml/h(it can be adjustable）when the infusion rate is less than the current KVO rate, automatically maintaining current rate as KVO rate
Occlusion accuracy	10 levels with highest (H)900±200mmHg (120±26.7kpa) and lowest (L)100±50mmHg(13.3±6.6kpa).
Accuracy of infusion	±5%
Bubble detector	Ultrasonic detection method, detection sensitivity: 25ul
Infusion history records	1500 pcs
Preset volume	0~9999ml
Display range of totally delivered volume	0~9999ml(0.1mL step,if the value is above 100mL,the step is 1mL)
Alarms	Time Over, Non-calibration Of Infusion Tube, Occlusion, Bubble , Door Open, Finish, Kvo Complete, Drip Sensor Abnormal, No Ac Power Or Power Cable Disconnected, Battery Low, Battery Exhausted, Speed Over Limit, System Error
Power	AC 100~240 V, 50/60Hz Inner battery: DC 12V, 2300mAH In fully charged status, the device can working for more than 8 hours at the rate of 25ml/h(containing the time of battery low, larger battery volume is optional) Outside DC power supply : DC 12V.
Operation conditions	Ambient temperature: +5 ℃~ +40℃, Relative humidity: 20% ~ 90%, Ambient pressure: 86KPa~106Kpa
Storage conditions	Ambient temperature: -20℃ ~ +55℃ Relative humidity: ≤95%
Electric shock protection class	Class I and type CF, internal power supply, continuous operation
Water proof level	IPX4
Communication（Option）	(1)Cable-Serial RS232 (2)Wireless communication
Infusion mode setting	Flow rate mode, drip mode
Infusion rate	3 mode：drip/min, mL/h, time/volume
Weight	1. 8KG(with clamp base)
Dimension	129(Width)mm×130(Height)mm×215(Depth)mm
Infusion apparatus	Can save 12 brands of Infusion apparatus,the infusion accuracy can reach ±5% after calibration
Scope of application	With the pressure generated by the infusion pump to control the injected flow rate and delivery volume of liquid (medicine, nutrition) to the patient
Contraindications	This product is not available for blood transfusion.

Function

DUAL-CPU monitoring function	Night inner lighting function	Setting the system time	Smart pulsation compensation function
Infusion set calibration	Fast rate control	Clamp lock,Easy installation	Infusion mode set
Detection of dripping number	Water proof level	10-level occlusion alarm limits setting	Pressure dynamic display
"Purge" button activate safe protection	Abundant optic and sound alarm	Ultrasonic bubble detection	12V DC power supply
External DC power interface	Key tone can be set to mute	Calling nurse interface	KVO flow rate
Standard RS232 interface	Drip sensor can be pluggable, optionable	1500 history records	Infusion indicating can close or open
Two infusion mode		Wireless communication function(SN-1600VR)	

ISO13485 CE 0123

SN-1800V/SN-1800VR Infusion pump

Specification

Flow rate	1~1500 mL/h (0.1 mL/h step, if the value is 100 mL/h or above, the step is 1mL/h)
Bolus rate	200~1000ml/h(it can be adjustable)
KVO rate	1ml/h~5ml/h(it can be adjustable）when the infusion rate is less than the current KVO rate, automatically maintaining current rate as KVO rate
Occlusion accuracy	10 levels with highest (H)900±200mmHg (120±26.7kpa) and lowest (L)100±50mmHg(13.3±6.6kpa).
Accuracy of infusion	±5%
Bubble detector	Ultrasonic detection method, detection sensitivity: 25ul
Infusion history records	1500 pcs
Preset volume	0~9999ml
Display range of totally delivered volume	0~9999ml(0.1mL step,if the value is above 100mL,the step is 1mL)
Alarms	Time over, Non-calibration of infusion tube, Occlusion, Bubble , Door Open, Finish, KVO complete, Drip sensor abnormal, No AC power or power cable disconnected, Battery low, Battery exhausted, Speed over limit, System error

Power	AC 100~240 V, 50/60Hz
	     Inner battery: DC 12V, 2300mAH
	     In fully charged status, the device can working for more than 8 hours at the rate of 25ml/h(containing the time of battery low, larger battery volume is optional)
	Outside DC power supply : DC 12V.

Operation conditions	Ambient temperature: +5 ℃~ +40℃, Relative humidity: 20% ~ 90%, Ambient pressure: 86KPa~106Kpa
Storage conditions	Ambient temperature: -20℃ ~ +55℃ Relative humidity: ≤95%
Electric shock protection class	Class I and type CF, internal power supply, continuous operation
Water proof level	IPX4
Communication（Option）	(1)Cable-Serial RS232 (2)Wireless communication
Infusion mode setting	Flow rate mode, drip mode (detector required), weight mode, time mode, Infusion Plan
Infusion rate	3 mode: drip/min, mL/h, time/volume
Weight	1. 8KG(with clamp base)
Dimension	129(Width)mm×130(Height)mm×215(Depth)mm
Infusion apparatus	Can save 12 brands of Infusion apparatus,the infusion accuracy can reach ±5% after calibration
Scope of application	With the pressure generated by the infusion pump to control the injected flow rate and delivery volume of liquid (medicine, nutrition) to the patient
Contraindications	This product is not available for blood transfusion.

Function

DUAL-CPU monitoring function	Night inner lighting function	Setting the system time	Smart pulsation compensation function
Infusion set calibration	Body-weight mode conversion	Clamp lock,Easy installation	Infusion mode set
Detection of dripping number	Fast rate control	10-level occlusion alarm limits setting	Pressure dynamic display
"Purge" button activate safe protection	Water proof level	Ultrasonic bubble detection	12V DC power supply
External DC power interface	Abundant optic and sound alarm	Calling nurse interface	KVO flow rate
Standard RS232 interface	Key tone can be set to mute	1500 history records	Infusion indicating can close or open
Five infusion mode setting	Drip sensor can be pluggable, optionable	Wireless communication function(SN-1800VR)	

SN-2000V/SN-2000VR InfusionPump

Items	Parameter
Flow Rate	From 1 to 1200 ml/h (0,1 ml/h step, ifvalueis 99,9 ml/h or abovestep of 1 ml/h)
Bolus Rate	From 200 to 1000 ml/h (adjustable)
KVO Rate	From 1 to 5 ml/h (adjustable)
Occlusion Alarm Level	10 levels with highest (10)900±200mmHg (120±26.7kpa) and lowest (1)100±50mmHg(13.3±6.6kpa).
Accuracy of Infusion	±5%
Bubble Detector	Ultrasonic dection method, sensitivity: 25µl
History record	1500 pcs
Delivery Limit	From 0 to 9999 ml
View and display of the volume of infusion and resolution	From 0 to 9999 ml (0,1 ml step, if the value is above 100 ml, the step is 1 ml)
Alarms	Finish Infusion, No calibration,Occlusion, Bubble, Door Open, Power Supply Breakdown, Battery low, Battery exhausted,Over limit speed, No Operation, System error, KVO complete, Drip sensor abnormal.
Power	AC110≈230V, 50/60 Hz Inner Battery: DC12V, 2300mAH In fully charged status, the device can work for more than 8 hours at the rate of 25 ml/h.(Containing the time of battery low) Outside DC powersupply: DC12V
Operation condition	Ambient temperature: +5 to +40 °C. Relative humidity: 20% a 90%.
Transportation and storagecondition	Ambient temperature: -20 a + 55 °C Relative humidity: ≤ 95%
Electric shock protection/class	Class I and internal power supply: Type CF, Continuous operation.
Water proof protection	IPX4
Communication (option)	(1) Cable serial RS232 (2) Wireless communication
Infusion Mode Setting	Rate mode, dripmode, weight mode, time mode, Infusion Plan.
Infusion Rate	3 mode: drip/min, ml/h, time/volume.
Weight	1,8 Kg (with clamp base)
Dimension	129mm (widht)x125 (depth)x215 (height)

Function

Ducal-CPU monitoring function	Night inner lighting function	Setting the system time	Smart pulsation compensation function
Infusion set calibration	Fast rate control	Wireless communication function	Pressure dynamic display
Detection of dripping number	Water proof design	10-level occlusion alarm limits setting	12V DC power supply
"Purge" button activate safe protection	Abundant optic and sound alarm	Ultrasonic bubble detection	KVO rate adjustable
AC and internal power indication	Key tone can be set to mute	Calling nurse interface	Infusion indicator can close or open
Standard RS232 interface	Clamp lock, easy installation	1500 history records	Five infusion mode
Drip sensor can be pluggable, optionable			

ISO13485 CE 0123

SN-600N/SN-600NR Pompa di Nutrizione Enterale

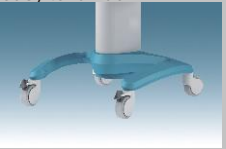| Items	parameter
Portata	1 ml/h ~ 600 ml/h
Volume	0 ml ~ 9999 ml
Volume infuso	1 ml ~ 9999 ml
Accuratezza	+/- 5%
Bolo	3 livelli: 200 ml/h , 400 mlh , 600ml/h (regolabile)
Calibrazione automatica	La macchina regola automaticamente l'accuratezza del flusso inrelazione alle diverse viscosità
Occlusione	500+/- 200 mmHg.
Allarme Volume	3 livelli
Tastire sonora	La tastiera può essere regolata da muta a 3 livelli sonori
Memoria d'utilizzo	1500 pcs
Comunicazione con computer	Wireless (SN-600NR)
Alimentazione	AC100V-240V, 50 HZ/60Hz
Batteria interna	12V NiH 800mAh
Durata della batteria	La macchina può lavorare più di 5 ore a 25ml/h se completamente carica. Servono 10 ore pwer la ricarica di una macchina completamente scarica.
Consumo	11 VA
Condizioni di operatività	Temp. Amb: +5 - +40°C, umidità relativa 20%-90%, pressione:76 kPa-106kPa
Livello di impermeabilità	IPX4
Dimensioni	146 mm(W) x 199,5mm (H) x 114mm (D)
Peso	1,3 kg. (includendo la clamp)
Portezione elettrica	Classe I, tipo CF

Funzioni:

Due CPU di monitoraggio	Connessione USB	1500 eventi di memoria
Regolazione della accuratezza del flusso dalla calibrazione del volume	Impermeabilità per l'intera macchina	Wireless (SN-600NR)
Rilevazione del nomero di goccie	Allarmi acustici e visivi	le spie di difusione possono essere spente
Funzione di blocco	Si pùò silenziare la pompa	Funzione lavaggio set
Stato di alimentazione	Impostazione tempo	Uscita bionica intermittente

SN-Unicare Infustation   Safe, convenient, centralized, multi-functional system

Functions

- SN-50C6 / SN-50C6T syringe pumps and SN-1500 serial infusion pumps can be integrated into different channel of pumps according to the requirements
- Hanging infusion equipment such as infusion bags, and nutrition bags
  Install other equipment compatible with this product

Features

One power cord, more safe

Install pumps simply with fastness, and easy to remove

Customized channels option for the user

Compact design,Providing economical choices

Removable infusion pothook provide multiple purposes

Truckle is convenient to move and fixed

Pedestal is steady and not easy to fall down

Compatible with variety infusion supports
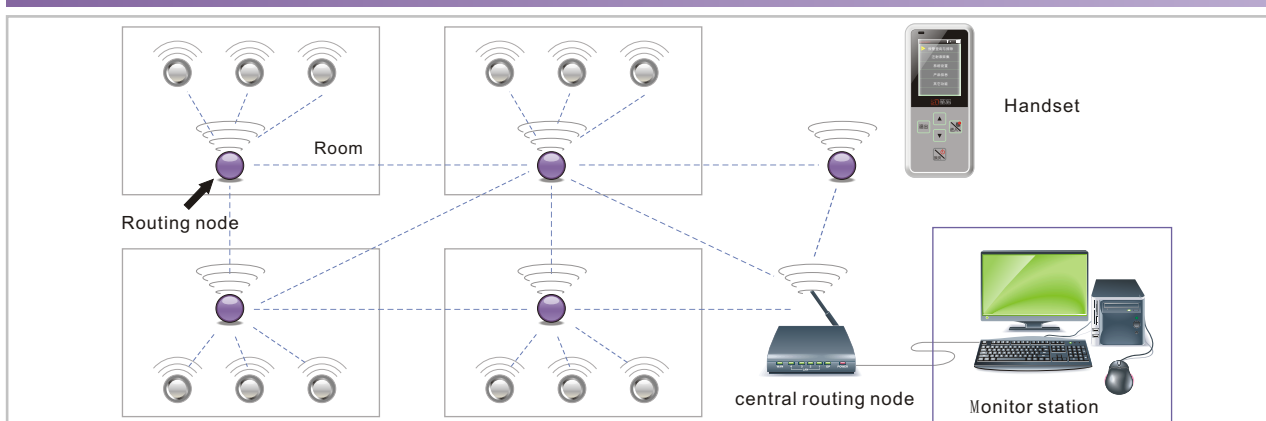
Specifications

Power: AC 110~230V, 50/60Hz

	Model	Description	Dimension (Without infusion pothook)	Weight	Remark
Dimensions	SN-U8	Capable for 8 pumps	1690mm(height)×530mm(width)×550mm(depth)	21Kg	
	SN-U6	Capable for 6 pumps	1550mm(height)×530mm(width)×550mm(depth)	20Kg	
	SN-U4	Capable for 4 pumps	1260mm(height)×530mm(width)×550mm(depth)	18Kg	
	SN-U6A	Capable for 6 pumps	930mm(height)×235mm(width)×70mm(depth)	3.8Kg	No stand
	SN-U4A	Capable for 4 pumps	645mm(height)×235mm(width)×70mm(depth)	2.8Kg	No stand

SN-M100 Infusion Monitoring System   Intelligent, powerful, reachable, convenient infusion monitoring system   ISO13485 $C \in$ 0123

Functions

- The system collects the real-time information of syringe pumps and infusion pumps through the wireless communication.
- The monitor displays the real-time infusion state of the syringe pump and infusion pump in the system, including: syringe size, flow rate, delivered volume, bed number, pre-set volume, and alarm information.
- The handset simultaneously displays the infusion information in the system

Networking diagram

Handset

Room

Routing node

central routing node

Monitor station

Care your concern

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