ZEDE

MEDICAL INSTRUMENT
Suzhou Zede Medical Instrument Co.,Ltd.

More Safe, More Reliable, More Precision Infusion Master

Preciseness achieves high quality, Focus cast into our expertise.

Product Model： SY-1200L Infusion pump

◇ Double chips ensure safety infusion
◇ Produce strictly according to EMC
◇ Built-in battery runs as long as 6 hours

SY-1200L Infusion pump

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Parameters

Conventional model	15 d/ml infusion set 0.0ml/h~1200ml/h 20 d/ml infusion set 0.0ml/h~1200ml/h 60 d/ml infusion set 0.0ml/h~300ml/h Note : minimum resolution of setting flow rate is 0.1mL/h When rate is above 1000mL/h,the Resolution is 1mL/h.
Drip Mode	15 d/ml infusion set 0 d/min~300 d/min 20 d/ml infusion set 0 d/min~400 d/min 60 d/ml infusion set 0 d/min~300 d/min Note : The minimum resolution dripping speed Settings 1d/min.
Accuracy	≤±2%(Note : Under the condition of the benchmark test, using high elastic silicone iv path accuracy after calibration and commissioning.)
Bubble Detector	Ultrasonic detection method : Bubble above 25ul is detected
Total Infusion Volume	0.0ml-9999ml(0.1ml/h increment,1ml/h increment if over 1000ml/h)
Volume Limit	0.0ml-9999ml(0.1ml/h increment,1ml/h increment if over 1000ml/h)
Occlusion	（H）: 800±200mmHg（106.7±26.7kPa） （C）: 500±100mmHg（66.7±13.3kPa） （L）: 300±100mmHg（40.7±13.3kPa）
History Record	These serial products can maximally store 4500 pieces of history records. The record includes the following information: Date, flow rate, alarm data, total volume delivered, occlusion pressure and syringe brand and serial number.
Alarm	Near empty alarm , Empty alarm , Door open alarm , Bubble alarm , limited value reached alarm , AC power failure , Low battery alarm , Battery empty alarm , Remind alarm , Flow regulator or inlet valve closed alarm (optional)
Power	Supply Voltage : AC100V～240V（±10%）, Power Frequency : 50Hz-60Hz Built-in Battery : DC15V Ni-MH battery(It can be replaced by lithium ion battery pack necessary) Working time of battery : In case the battery is fully charged, the continuous working time can be up to 6 hours at the speed of 25ml/h. Maximum power : 30VA ; Note : Before the first use of this product, the battery must be charged while being shut down for more than 8 hours.
Working Environment	Temperature : +5℃-+40℃ Relative humidity : 20%-90% Environmental pressure : 860hPa-1060hPa
Transport And Storage Environment	Temperature : -20℃～+55℃ ; Atmosphere Pressure : 500hPa～1060hPa。 Products should be stored in the relative humidity in the range of 10%～93%, no corrosion gas indoor and ventilated.
Electric Safety Classification	Class I, CF type , Built-in battery , Continuous operation equipment
Water Proof Level	IPX4
Net Weight	1.8kg(include fastener)
Dimension	123mm(W)×200mm(H)×180mm(D)

Function

KVO	Double CPU
Vehicle Power	Bolus release
Power indicator	Bubble Detector
History data memory	Standby function
Safety lock for flow rate adjust	Preset Volume To Be Infused
Safety lock for PURGE/BOLUS	Inquiry of total infused volume
Preset occlusion detection pressure level	Apply to any high elastic infusion sets
RS232 interface(Can be connected to the Internet)	Audible and visual alarm (volume adjustable)

Advanced Function

Adjust KVO rate	Preset system time
Intelligent pressure test	Infusion parameters calibration
Calculation mode; Gradient mode	Preset maximum value of flow rate
A single exhaust maximum limit set	Adjust occlusion detection pressure

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More Safe, More Reliable, More Precision Infusion Master

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Product Model : CY-1200L Enteral feeding pump

◇ Double chips ensure safety infusion
◇ Produce strictly according to EMC
◇ Built-in battery runs as long as 6 hours

CY-1200L Enteral feeding pump

Parameters

Conventional model	15 d/ml infusion set 0.0ml/h~1200ml/h 20 d/ml infusion set 0.0ml/h~1000ml/h 60 d/ml infusion set 0.0ml/h~300ml/h Note : minimum resolution of setting flow rate is 0.1mL/h When rate is above 1000mL/h,the Resolution is 1mL/h.
Drip Mode	15 d/ml infusion set 0 d/min~300 d/min 20 d/ml infusion set 0 d/min~400 d/min 60 d/ml infusion set 0 d/min~300 d/min Note : The minimum resolution dripping speed Settings 1d/min.
Accuracy	≤±3%(Note : Under the condition of the benchmark test, using high elastic silicone iv path accuracy after calibration and commissioning.)
Bubble Detector	Ultrasonic detection method : Bubble above 25ul is detected
Total Infusion Volume	0.0ml-9999ml(0.1ml/h increment,1ml/h increment if over 1000ml/h)
Volume Limit	0.0ml-9999ml(0.1ml/h increment,1ml/h increment if over 1000ml/h)
Occlusion	（H）: 800±200mmHg（106.7±26.7kPa） （C）: 500±100mmHg（66.7±13.3kPa） （L）: 300±100mmHg（40.7±13.3kPa）
History Record	These serial products can maximally store 4500 pieces of history records. The record includes the following information: Date, flow rate, alarm data, total volume delivered, occlusion pressure and syringe brand and serial number.
Alarm	Near empty alarm , Empty alarm , Door open alarm , Bubble alarm , limited value reached alarm , AC power failure , Low battery alarm , Battery empty alarm , Remind alarm , Flow regulator or inlet valve closed alarm (optional)
Power	Supply Voltage : AC100V~240V（±10%）, Power Frequency : 50Hz-60Hz Built-in Battery : DC15V Ni-MH battery(It can be replaced by lithium ion battery pack necessary) Working time of battery : In case the battery is fully charged, the continuous working time can be up to 6 hours at the speed of 25ml/h. Maximum power : 30VA ; Note : Before the first use of this product, the battery must be charged while being shut down for more than 8 hours.
Working Environment	Temperature : +5℃-+40℃ Relative humidity : 20%-90% Environmental pressure : 860hPa-1060hPa
Transport And Storage Environment	Temperature : -20℃~+55℃ ; Atmosphere Pressure : 500hPa~1060hPa。 Products should be stored in the relative humidity in the range of 10%~93% , no corrosion gas indoor and ventilated.
Electric Safety Classification	Class I, CF type , Built-in battery , Continuous operation equipment
Water Proof Level	IPX4
Net Weight	1.6kg(include fastener)
Dimension	123mm(W)×200mm(H)×146mm(D)

Function

Vehicle Power	Double CPU
Power indicator	Bolus release
History data memory	Standby function
Safety lock for flow rate adjust	Tube heating function
Safety lock for PURGE/BOLUS	Preset Volume To Be Infused
Preset occlusion detection pressure level	Inquiry of total infused volume
RS232 interface(Can be connected to the Internet)	Audible and visual alarm (volume adjustable)

Advanced Function

Adjust KVO rate	Preset system time
Intelligent pressure test	Preset maximum value of flow rate
Calculation mode; Gradient mode	Adjust occlusion detection pressure

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More Safe, More Reliable, More Precision Infusion Master

Preciseness achieves high quality, Focus makes us professor.

Product Model :
ZD-50C6 Syringe Pump

Double chips ensure safety infusion

Produce strictly according to EMC

Built-in battery runs as long as 10 hours

Match for all syringe brands

ZD-50C6
Syringe Pump

Parameter	
Syringe Size	5ml, 10ml, 20ml, 30ml, 50ml (optional: 1/2/3mL)
Flow Rate	0.0-150ml/h (0.1ml/h increment) — 5ml syringe 0.0-300ml/h (0.1ml/h increment) — 10ml syringe 0.0-600ml/h (0.1ml/h increment) — 20ml syringe 0.0-900ml/h (0.1ml/h increment) — 30ml syringe 0.0-1200ml/h (0.1ml/h increment, 1ml/h increment if over 1000ml/h) — 50ml syringe
Purge/Bolus	150ml/h — 5ml syringe 300ml/h — 10ml syringe 600ml/h — 20ml syringe 900ml/h — 30ml syringe 1200ml/h — 50ml syringe
Precision	≤±2% (mechanism≤±1%)
Inquiry of total volume	0.0ml-9999ml(0.1ml increment, 1ml increment if over 1000ml)
VTBI	0.0ml-9999ml(0.1ml increment, 1ml increment if over 1000ml)
Occlusion Value	High (H) : 800±200mmHg (106.7±26.7kPa) Centre (C) : 500±100mmHg (66.7±13.3kPa) Low (L) : 300±100mmHg (40.7±13.3kPa)
Alarm	Remind alarm , Occlusion alarm , Near empty alarm, Empty alarm, syringe barrel unlock alarm, syringe plunger disengage alarm, syringe flange disengage alarm, AC power failure, Low battery alarm, Battery empty alarm, VTBI finish reminder, infusion tube disconnect(option)
Power	AC : 100V-240V±10%, 50Hz-60Hz±1Hz Built-in Battery : DC15V Ni-Mh battery. Built-in battery can run for 10 hours at 5ml/h. (It can be replaced by lithium ion battery pack if necessary.) DC : DC15V, vehicle power
Running Environment	Temperature : +5℃-+40℃ Relative Humidity : 20%-90% Atmosphere Pressure : 860hPa-1060hPa
Transport And Storage Environment	Temperature : -20℃-+55℃ Relative Humidity : 10%-93% Atmosphere Pressure : 500hPa-1060hPa
Electric Safety Classification	Class I, CF type , Built-in battery , Continuous operation equipment
Water Proof Level	IPX4
Net Weight	2.2kg(include fastener)
Dimension	320mm（L）× 132mm（W）× 195mm（H）

Function	
KVO rate	Standby function
Safety lock for PURGE/BOLUS	Safety lock for flow rate adjust
All brands of syringes are available	Automatic syringe size detection
Preset occlusion detection pressure level	Bolus release
Preset Volume To Be Infused	Inquiry of total infused volume
Varia video and audio alarm	Power indicator
RS232 interface	Vehicle Power
4500 history log	Double CPU

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Product Model :
ZD-50C6-H Syringe Pump

Double chips ensure safety infusion

Produce strictly according to EMC

Built-in battery runs as long as 10 hours

Match for all syringe brands

ZD-50C6-H
Syringe Pump

Parameter	
Syringe Size	5ml, 10ml, 20ml, 30ml, 50ml (optional: 1/2/3mL)
Flow Rate	0.0-150ml/h (0.1ml/h increment) 5ml syringe 0.0-300ml/h (0.1ml/h increment) 10ml syringe 0.0-600ml/h (0.1ml/h increment) 20ml syringe 0.0-900ml/h (0.1ml/h increment) 30ml syringe 0.0-1200ml/h (0.1ml/h increment, 1ml/h increment if over 1000ml/h) 50ml syringe
Precision	≤±2%（mechanism≤±1%)
Inquiry of total volume	0.0ml-9999ml(0.1ml increment, 1ml increment if over 1000ml)
VTBI	0.0ml-9999ml(0.1ml increment, 1ml increment if over 1000ml)
Occlusion Value	High（H）：800±200mmHg（106.7±26.7kPa） Centre（C）：500±100mmHg（66.7±13.3kPa） Low（L）：300±100mmHg（40.7±13.3kPa）
Alarm	Remind alarm，Occlusion alarm，Near empty alarm, Empty alarm, syringe barrel unlock alarm, syringe plunger disengage alarm, syringe flange disengage alarm, AC power failure, Low battery alarm, Battery empty alarm, VTBI finish reminder, infusion tube disconnect(option)
Power	AC：100V-240V±10%， 50Hz-60Hz±1Hz Built-in Battery：DC15V Ni-Mh battery. Built-in battery can run for 10 hours at 5ml/h. （It can be replaced by lithium ion battery pack if necessary.） DC：DC15V，vehicle power
Running Environment	Temperature：+5℃-+40℃ Relative Humidity：20%-90% Atmosphere Pressure：860hPa-1060hPa
Transport And Storage Environment	Temperature：-20℃-+55℃ Relative Humidity：10%-93% Atmosphere Pressure：500hPa-1060hPa
Electric Safety Classification	Class I, CF type，Built-in battery，Continuous operation equipment
Water Proof Level	IPX4
Net Weight	2.2kg(include fastener)
Dimension	320mm（L）×132mm（W）×138mm（H）

Function	
KVO rate	Standby function
Safety lock for PURGE/BOLUS	Safety lock for flow rate adjust
All brands of syringes are available	Automatic syringe size detection
Preset occlusion detection pressure level	Bolus release
Preset Volume To Be Infused	Inquiry of total infused volume
Varia video and audio alarm	Power indicator
RS232 interface	Vehicle Power
4500 history log	Double CPU

Advanced Function	
Adjust cclusion detection pressure	Calibrate parameter of syringe
Adjust KVO rate	Preset residual amount of solution
Preset maximum limit amount of single bolus	Preset maximum value of flow rate
Preset volume of alarm voice	Preset system time

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Product Model :
ZD-50C6T Syringe Pump

Double chips ensure safety infusion

Produce strictly according to EMC

Built-in battery runs as long as 10 hours

Match for all syringe brands

ZD-50C6T
Syringe Pump

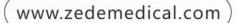| Parameter	
Syringe Size	5ml, 10ml, 20ml, 30ml, 50ml (optional: 1/2/3mL)
Flow Rate	0.0-150ml/h (0.1ml/h increment) 5ml syringe 0.0-300ml/h (0.1ml/h increment) 10ml syringe 0.0-600ml/h (0.1ml/h increment) 20ml syringe 0.0-900ml/h (0.1ml/h increment) 30ml syringe 0.0-1200ml/h (0.1ml/h increment, 1ml/h increment if over 1000ml/h) 50ml syringe
Purge/Bolus	150ml/h 300ml/h 600ml/h 900ml/h 1200ml/h
Precision	≤±2% (mechanism≤ ±1%)
Inquiry of total volume	0.0ml-9999ml(0.1ml increment, 1ml increment if over 1000ml)
VTBI	0.0ml-9999ml(0.1ml increment, 1ml increment if over 1000ml)
Occlusion Value	High (H) : 800±200mmHg (106.7±26.7kPa) Centre (C) : 500±100mmHg (66.7±13.3kPa) Low (L) : 300±100mmHg (40.7±13.3kPa)
Alarm	Remind alarm , Occlusion alarm , Near empty alarm, Empty alarm, syringe barrel unlock alarm, syringe plunger disengage alarm, syringe flange disengage alarm, AC power failure, Low battery alarm, Battery empty alarm, VTBI finish reminder, infusion tube disconnect(option)
Power	AC : 100V-240V±10%, 50Hz-60Hz±1Hz Built-in Battery : DC15V Ni-Mh battery. Built-in battery can run for 10 hours at 5ml/h. (It can be replaced by lithium ion battery pack if necessary.) DC : DC15V, vehicle power
Running Environment	Temperature : +5℃-+40℃ Relative Humidity : 20%-90% Atmosphere Pressure : 860hPa-1060hPa
Transport And Storage Environment	Temperature : -20℃-+55℃ Relative Humidity : 10%-93% Atmosphere Pressure : 500hPa-1060hPa
Electric Safety Classification	Class I, CF type , Built-in battery , Continuous operation equipment
Water Proof Level	IPX4
Net Weight	2.3kg(include fastener)
Dimension	320mm（L）× 132mm（W）× 195mm（H）

Function	
KVO rate	Standby function
Safety lock for PURGE/BOLUS	Safety lock for flow rate adjust
All brands of syringes are available	Automatic syringe size detection
Preset occlusion detection pressure level	Bolus release
Preset Volume To Be Infused	Inquiry of total infused volume
Varia video and audio alarm	Power indicator
RS232 interface	Vehicle Power
4500 history log	Double CPU
Calculation /Gradient Mode	With LCD as a aid to display

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Product Model :
ZD-50C6T-H Syringe Pump

Double chips ensure safety infusion

Produce strictly according to EMC

Built-in battery runs as long as 10 hours

Match for all syringe brands

ZD-50C6T-H
Syringe Pump

Parameter	
Syringe Size	5ml, 10ml, 20ml, 30ml, 50ml (optional: 1/2/3mL)
Flow Rate	0.0-150ml/h (0.1ml/h increment) 5ml syringe 0.0-300ml/h (0.1ml/h increment) 10ml syringe 0.0-600ml/h (0.1ml/h increment) 20ml syringe 0.0-900ml/h (0.1ml/h increment) 30ml syringe 0.0-1200ml/h (0.1ml/h increment, 1ml/h increment if over 1000ml/h) 50ml syringe
Precision	≤±2%（mechanism≤±1%)
Inquiry of total volume	0.0ml-9999ml(0.1ml increment, 1ml increment if over 1000ml)
VTBI	0.0ml-9999ml(0.1ml increment, 1ml increment if over 1000ml)
Occlusion Value	High（H）：800±200mmHg（106.7±26.7kPa) Centre（C）：500±100mmHg（66.7±13.3kPa) Low（L）：300±100mmHg（40.7±13.3kPa)
Alarm	Remind alarm，Occlusion alarm，Near empty alarm, Empty alarm, syringe barrel unlock alarm, syringe plunger disengage alarm, syringe flange disengage alarm, AC power failure, Low battery alarm, Battery empty alarm, VTBI finish reminder, infusion tube disconnect(option)
Power	AC：100V-240V±10%，50Hz-60Hz±1Hz Built-in Battery：DC15V Ni-Mh battery. Built-in battery can run for 10 hours at 5ml/h. （It can be replaced by lithium ion battery pack if necessary.） DC：DC15V，vehicle power
Running Environment	Temperature：+5℃-+40℃ Relative Humidity：20%-90% Atmosphere Pressure：860hPa-1060hPa
Transport And Storage Environment	Temperature：-20℃-+55℃ Relative Humidity：10%-93% Atmosphere Pressure：500hPa-1060hPa
Electric Safety Classification	Class I, CF type，Built-in battery，Continuous operation equipment
Water Proof Level	IPX4
Net Weight	2.3kg(include fastener)
Dimension	320mm（L）×132mm（W）×138mm（H)

Function	
KVO rate	Standby function
Safety lock for PURGE/BOLUS	Safety lock for flow rate adjust
All brands of syringes are available	Automatic syringe size detection
Preset occlusion detection pressure level	Bolus release
Preset Volume To Be Infused	Inquiry of total infused volume
Varia video and audio alarm	Power indicator
RS232 interface	Vehicle Power
4500 history log	Double CPU
Calculation /Gradient Mode	With LCD as a aid to display

Advanced Function	
Adjust cclusion detection pressure	Calibrate parameter of syringe
Adjust KVO rate	Preset residual amount of solution
Preset maximum limit amount of single bolus	Preset maximum value of flow rate
Preset volume of alarm voice	Preset system time

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Http : // www.zedemedical.com   E-mail : zede@zedemedical.com
Production License Number : Su Food and Drug Administration firearms production No.2013-0122th
Product Registration Number : Su food drug armed (quasi) word 2014 No. 2540432th

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Product Model :
ZD-50F6 Syringe Pump

Double chips ensure safety infusion

Produce strictly according to EMC

Built-in battery runs as long as 10 hours

Match for all syringe brands

ZD-50F6
Syringe Pump

Parameter	
Syringe Size	5ml, 10ml, 20ml, 30ml, 50ml (optional: 1/2/3mL)
Flow Rate	0.0-150ml/h (0.1ml/h increment)　　　　　　　　　　　5ml syringe 0.0-300ml/h (0.1ml/h increment)　　　　　　　　　　 10ml syringe 0.0-600ml/h (0.1ml/h increment)　　　　　　　　　　 20ml syringe 0.0-900ml/h (0.1ml/h increment)　　　　　　　　　　 30ml syringe 0.0-1200ml/h (0.1ml/h increment, 1ml/h increment if over 1000ml/h)　50ml syringe
Purge/Bolus	150ml/h 300ml/h 600ml/h 900ml/h 1200ml/h
Precision	≤±2%（mechanism≤±1%)
Inquiry of total volume	0.0ml-9999ml(0.1ml increment, 1ml increment if over 1000ml)
VTBI	0.0ml-9999ml(0.1ml increment, 1ml increment if over 1000ml)
Occlusion Value	High（H）: 800±200mmHg（106.7±26.7kPa) Centre（C）: 500±100mmHg（66.7±13.3kPa) Low（L）: 300±100mmHg（40.7±13.3kPa)
Alarm	Remind alarm, Occlusion alarm, Near empty alarm, Empty alarm, syringe barrel unlock alarm, syringe plunger disengage alarm, syringe flange disengage alarm, AC power failure, Low battery alarm, Battery empty alarm, VTBI finish reminder, infusion tube disconnect(option)
Power	AC : 100V-240V±10%. 50Hz-60Hz±1Hz Built-in Battery : DC15V Ni-Mh battery. Built-in battery can run for 10 hours at 5ml/h. （It can be replaced by lithium ion battery pack if necessary.） DC : DC15V. vehicle power
Running Environment	Temperature : +5℃-+40℃ Relative Humidity : 20%-90% Atmosphere Pressure : 860hPa-1060hPa
Transport And Storage Environment	Temperature : -20℃-+55℃ Relative Humidity : 10%-93% Atmosphere Pressure : 500hPa-1060hPa
Electric Safety Classification	Class I, CF type, Built-in battery, Continuous operation equipment
Water Proof Level	IPX4
Net Weight	3.5kg(include fastener)
Dimension	320mm（L）× 193mm（W）× 195mm（H)

Function	
KVO rate	Standby function
Safety lock for PURGE/BOLUS	Safety lock for flow rate adjust
All brands of syringes are available	Automatic syringe size detection
Preset occlusion detection pressure level	Bolus release
Preset Volume To Be Infused	Inquiry of total infused volume
Dual channel	Power indicator
RS232 interface	Vehicle Power
4500 history log	Double CPU

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Product Model :
ZD-50F6-H Syringe Pump

Double chips ensure safety infusion
Produce strictly according to EMC
Built-in battery runs as long as 10 hours
Match for all syringe brands

ZD-50F6-H
Syringe Pump

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Parameter	
Syringe Size	5ml, 10ml, 20ml, 30ml, 50ml (optional: 1/2/3mL)
Flow Rate	0.0-150ml/h (0.1ml/h increment)　　　　　　　　　　5ml syringe 0.0-300ml/h (0.1ml/h increment)　　　　　　　　　10ml syringe 0.0-600ml/h (0.1ml/h increment)　　　　　　　　　20ml syringe 0.0-900ml/h (0.1ml/h increment)　　　　　　　　　30ml syringe 0.0-1200ml/h (0.1ml/h increment, 1ml/h increment if over 1000ml/h)　50ml syringe
Precision	≤±2% (mechanism≤±1%)
Inquiry of total volume	0.0ml-9999ml(0.1ml increment, 1ml increment if over 1000ml)
VTBI	0.0ml-9999ml(0.1ml increment, 1ml increment if over 1000ml)
Occlusion Value	High (H) : 800±200mmHg (106.7±26.7kPa) Centre (C) : 500±100mmHg (66.7±13.3kPa) Low (L) : 300±100mmHg (40.7±13.3kPa)
Alarm	Remind alarm , Occlusion alarm , Near empty alarm, Empty alarm, syringe barrel unlock alarm, syringe plunger disengage alarm, syringe flange disengage alarm, AC power failure, Low battery alarm, Battery empty alarm, VTBI finish reminder, infusion tube disconnect(option)
Power	AC : 100V-240V±10%,　50Hz-60Hz±1Hz Built-in Battery : DC15V Ni-Mh battery. Built-in battery can run for 10 hours at 5ml/h. 　　　(It can be replaced by lithium ion battery pack if necessary.) DC : DC15V,　vehicle power
Running Environment	Temperature : +5℃-+40℃ Relative Humidity : 20%-90% Atmosphere Pressure : 860hPa-1060hPa
Transport And Storage Environment	Temperature : -20℃-+55℃ Relative Humidity : 10%-93% Atmosphere Pressure : 500hPa-1060hPa
Electric Safety Classification	Class I, CF type , Built-in battery , Continuous operation equipment
Water Proof Level	IPX4
Net Weight	3.5kg(include fastener)
Dimension	320mm (L) × 193mm (W) × 138mm (H)

Function	
KVO rate	Standby function
Safety lock for PURGE/BOLUS	Safety lock for flow rate adjust
All brands of syringes are available	Automatic syringe size detection
Preset occlusion detection pressure level	Bolus release
Preset Volume To Be Infused	Inquiry of total infused volume
Dual channel	Power indicator
RS232 interface	Vehicle Power
4500 history log	Double CPU

Advanced Function	
Adjust cclusion detection pressure	Calibrate parameter of syringe
Adjust KVO rate	Preset residual amount of solution
Preset maximum limit amount of single bolus	Preset maximum value of flow rate
Preset volume of alarm voice	Preset system time

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Preciseness achieves high quality, Focus cast into our expertise.

INFUSION PUMP SY-1200 ZEDE

Pressure Alarm
Silence

Nearly Empty
Open Bubble Finish
Occlusion

Normal Infusion
16:36
2015-01-20
Mode Select

Select SET   Enter

Power   Start Pause Delivery Bolus   Switch

Suzhou Zede Medical Instrument Co., Ltd.

Product Model : SY-1200 Infusion pump

◇ Double chips ensure safety infusion
◇ Produce strictly according to EMC
◇ Built-in battery runs as long as 6 hours

SY-1200 Infusion pump

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Parameters

Conventional model	15 d/ml infusion set 20 d/ml infusion set 60 d/ml infusion set Note : minimum resolution of setting flow rate is 0.1mL/h When rate is above 1000mL/h,the Resolution is 1mL/h.	0.0ml/h~1200ml/h 0.0ml/h~1200ml/h 0.0ml/h~300ml/h
Drip Mode	15 d/ml infusion set 20 d/ml infusion set 60 d/ml infusion set Note : The minimum resolution dripping speed Settings 1d/min.	0 d/min~300 d/min 0 d/min~400 d/min 0 d/min~300 d/min
Accuracy	≤±2%(Note : Under the condition of the benchmark test, using high elastic silicone iv path accuracy after calibration and commissioning.)	
Bubble Detector	Ultrasonic detection method : Bubble above 25ul is detected	
Total Infusion Volume	0.0ml-9999ml(0.1ml/h increment,1ml/h increment if over 1000ml/h)	
Volume Limit	0.0ml-9999ml(0.1ml/h increment,1ml/h increment if over 1000ml/h)	
Occlusion	（H）: 800±200mmHg（106.7±26.7kPa) （C）: 500±100mmHg（66.7±13.3kPa) （L）: 300±100mmHg（40.7±13.3kPa)	
History Record	These serial products can maximally store 4500 pieces of history records. The record includes the following information: Date, flow rate, alarm data, total volume delivered, occlusion pressure and syringe brand and serial number.	
Alarm	Near empty alarm , Empty alarm , Door open alarm , Bubble alarm , limited value reached alarm , AC power failure , Low battery alarm , Battery empty alarm , Remind alarm , Flow regulator or inlet valve closed alarm (optional)	
Power	Supply Voltage : AC100V~240V（±10%）, Power Frequency : 50Hz-60Hz Built-in Battery : DC15V Ni-MH battery(It can be replaced by lithium ion battery pack necessary) Working time of battery : In case the battery is fully charged, the continuous working time can be up to 6 hours at the speed of 25ml/h. Maximum power : 30VA ; Note : Before the first use of this product, the battery must be charged while being shut down for more than 8 hours.	
Working Environment	Temperature : +5℃-+40℃ Relative humidity : 20%-90% Environmental pressure : 860hPa-1060hPa	
Transport And Storage Environment	Temperature : -20℃~+55℃ ; Atmosphere Pressure : 500hPa~1060hPa。 Products should be stored in the relative humidity in the range of 10%~93% , no corrosion gas indoor and ventilated.	
Electric Safety Classification	Class I, CF type , Built-in battery , Continuous operation equipment	
Water Proof Level	IPX4	
Net Weight	2.2kg(include fastener)	
Dimension	320mm(W)×132mm(H)×138mm(D)	

Function

KVO	Double CPU
Vehicle Power	Bolus release
Power indicator	Bubble Detector
History data memory	Standby function
Safety lock for flow rate adjust	Preset Volume To Be Infused
Safety lock for PURGE/BOLUS	Inquiry of total infused volume
Preset occlusion detection pressure level	Apply to any high elastic infusion sets
RS232 interface(Can be connected to the Internet)	Audible and visual alarm (volume adjustable)

Advanced Function

Adjust KVO rate	Preset system time
Intelligent pressure test	Infusion parameters calibration
Calculation mode; Gradient mode	Preset maximum value of flow rate
A single exhaust maximum limit set	Adjust occlusion detection pressure

The content may change due to produce upgrade or improvement without further notice.

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Suzhou Zede Medical Instrument Co.,Ltd.

More Safe, More Reliable, More Precision Infusion Master

Preciseness achieves high quality, Focus cast into our expertise.

Product Model： SY-1200-H Infusion pump

◇ Double chips ensure safety infusion
◇ Produce strictly according to EMC
◇ Built-in battery runs as long as 6 hours

SY-1200-H Infusion pump

Parameters

Conventional model	15 d/ml infusion set 0.0ml/h~1200ml/h 20 d/ml infusion set 0.0ml/h~1200ml/h 60 d/ml infusion set 0.0ml/h~300ml/h Note : minimum resolution of setting flow rate is 0.1mL/h When rate is above 1000mL/h,the Resolution is 1mL/h.
Drip Mode	15 d/ml infusion set 0 d/min~300 d/min 20 d/ml infusion set 0 d/min~400 d/min 60 d/ml infusion set 0 d/min~300 d/min Note : The minimum resolution dripping speed Settings 1d/min.
Accuracy	≤±2%(Note : Under the condition of the benchmark test, using high elastic silicone iv path accuracy after calibration and commissioning.)
Bubble Detector	Ultrasonic detection method : Bubble above 25ul is detected
Total Infusion Volume	0.0ml-9999ml(0.1ml/h increment,1ml/h increment if over 1000ml/h)
Volume Limit	0.0ml-9999ml(0.1ml/h increment,1ml/h increment if over 1000ml/h)
Occlusion	（H）: 800±200mmHg（106.7±26.7kPa） （C）: 500±100mmHg（66.7±13.3kPa） （L）: 300±100mmHg（40.7±13.3kPa）
History Record	These serial products can maximally store 4500 pieces of history records. The record includes the following information: Date, flow rate, alarm data, total volume delivered, occlusion pressure and syringe brand and serial number.
Alarm	Near empty alarm , Empty alarm , Door open alarm , Bubble alarm , limited value reached alarm , AC power failure , Low battery alarm , Battery empty alarm , Remind alarm , Flow regulator or inlet valve closed alarm (optional)
Power	Supply Voltage : AC100V~240V（±10%）, Power Frequency : 50Hz-60Hz Built-in Battery : DC15V Ni-MH battery(It can be replaced by lithium ion battery pack necessary) Working time of battery : In case the battery is fully charged, the continuous working time can be up to 6 hours at the speed of 25ml/h. Maximum power : 30VA ; Note : Before the first use of this product, the battery must be charged while being shut down for more than 8 hours.
Working Environment	Temperature : +5℃-+40℃ Relative humidity : 20%-90% Environmental pressure : 860hPa-1060hPa
Transport And Storage Environment	Temperature : -20℃~+55℃ ; Atmosphere Pressure : 500hPa~1060hPa。 Products should be stored in the relative humidity in the range of 10%~93%, no corrosion gas indoor and ventilated.
Electric Safety Classification	Class I, CF type , Built-in battery , Continuous operation equipment
Water Proof Level	IPX4
Net Weight	2.2kg(include fastener)
Dimension	320mm(W)×132mm(H)×138mm(D)

Function

KVO	Double CPU
Vehicle Power	Bolus release
Power indicator	Bubble Detector
History data memory	Standby function
Safety lock for flow rate adjust	Preset Volume To Be Infused
Safety lock for PURGE/BOLUS	Inquiry of total infused volume
Preset occlusion detection pressure level	Apply to any high elastic infusion sets
RS232 interface(Can be connected to the Internet)	Audible and visual alarm (volume adjustable)

Advanced Function

Adjust KVO rate	Preset system time
Intelligent pressure test	Infusion parameters calibration
Calculation mode; Gradient mode	Preset maximum value of flow rate
A single exhaust maximum limit set	Adjust occlusion detection pressure

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More Safe，More Reliable，More Precision Infusion Master

Preciseness achieves high quality，Focus cast into our expertise.

Product Model：CY-1200 Enteral nutrition pump

◇ Double chips ensure safety infusion
◇ Produce strictly according to EMC
◇ Built-in battery runs as long as 6 hours

CY-1200 Enteral nutrition pump

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Parameters	
Conventional model	15 d/ml infusion set 0.0ml/h~1200ml/h 20 d/ml infusion set 0.0ml/h~1200ml/h 60 d/ml infusion set 0.0ml/h~300ml/h Note：minimum resolution of setting flow rate is 0.1mL/h When rate is above 1000mL/h,the Resolution is 1mL/h.
Drip Mode	15 d/ml infusion set 0 d/min~300 d/min 20 d/ml infusion set 0 d/min~400 d/min 60 d/ml infusion set 0 d/min~300 d/min Note：The minimum resolution dripping speed Settings 1d/min.
Accuracy	≤±3%(Note：Under the condition of the benchmark test, using high elastic silicone iv path accuracy after calibration and commissioning.)
Bubble Detector	Ultrasonic detection method：Bubble above 25ul is detected
Total Infusion Volume	0.0ml-9999ml(0.1ml/h increment,1ml/h increment if over 1000ml/h)
Volume Limit	0.0ml-9999ml(0.1ml/h increment,1ml/h increment if over 1000ml/h)
Occlusion	（H）：800±200mmHg（106.7±26.7kPa） （C）：500±100mmHg（66.7±13.3kPa） （L）：300±100mmHg（40.7±13.3kPa）
History Record	These serial products can maximally store 4500 pieces of history records. The record includes the following information: Date, flow rate, alarm data, total volume delivered, occlusion pressure and syringe brand and serial number.
Alarm	Near empty alarm，Empty alarm，Door open alarm，Bubble alarm，limited value reached alarm，AC power failure，Low battery alarm，Battery empty alarm，Remind alarm，Flow regulator or inlet valve closed alarm (optional)
Power	Supply Voltage：AC100V~240V（±10%），Power Frequency：50Hz-60Hz Built-in Battery：DC15V Ni-MH battery(It can be replaced by lithium ion battery pack necessary) Working time of battery：In case the battery is fully charged, the continuous working time can be up to 6 hours at the speed of 25ml/h. Maximum power：30VA；Note：Before the first use of this product, the battery must be charged while being shut down for more than 8 hours.
Working Environment	Temperature：+5℃-+40℃ Relative humidity：20%-90% Environmental pressure：860hPa-1060hPa
Transport And Storage Environment	Temperature：-20℃~+55℃； Atmosphere Pressure：500hPa~1060hPa。 Products should be stored in the relative humidity in the range of 10%~93%，no corrosion gas indoor and ventilated.
Electric Safety Classification	Class I, CF type，Built-in battery，Continuous operation equipment
Water Proof Level	IPX4
Net Weight	2.2kg(include fastener)
Dimension	320mm(W)×132mm(H)×138mm(D)

Function	
Vehicle Power	Double CPU
Power indicator	Bolus release
History data memory	Standby function
Safety lock for flow rate adjust	Tube heating function
Safety lock for PURGE/BOLUS	Preset Volume To Be Infused
Preset occlusion detection pressure level	Inquiry of total infused volume
RS232 interface(Can be connected to the Internet)	Audible and visual alarm (volume adjustable)

Advanced Function	
Adjust KVO rate	Preset system time
Intelligent pressure test	Preset maximum value of flow rate
Calculation mode; Gradient mode	Adjust occlusion detection pressure

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Product Model： CY-1200-H Enteral nutrition pump

◇ Double chips ensure safety infusion
◇ Produce strictly according to EMC
◇ Built-in battery runs as long as 6 hours

CY-1200-H Enteral nutrition pump

Parameters	
Conventional model	15 d/ml infusion set 0.0ml/h~1200ml/h 20 d/ml infusion set 0.0ml/h~1200ml/h 60 d/ml infusion set 0.0ml/h~300ml/h Note：minimum resolution of setting flow rate is 0.1mL/h When rate is above 1000mL/h,the Resolution is 1mL/h.
Drip Mode	15 d/ml infusion set 0 d/min~300 d/min 20 d/ml infusion set 0 d/min~400 d/min 60 d/ml infusion set 0 d/min~300 d/min Note：The minimum resolution dripping speed Settings 1d/min.
Accuracy	≤±3%(Note：Under the condition of the benchmark test, using high elastic silicone iv path accuracy after calibration and commissioning.)
Bubble Detector	Ultrasonic detection method：Bubble above 25ul is detected
Total Infusion Volume	0.0ml-9999ml(0.1ml/h increment,1ml/h increment if over 1000ml/h)
Volume Limit	0.0ml-9999ml(0.1ml/h increment,1ml/h increment if over 1000ml/h)
Occlusion	（H）：800±200mmHg（106.7±26.7kPa) （C）：500±100mmHg（66.7±13.3kPa) （L）：300±100mmHg（40.7±13.3kPa)
History Record	These serial products can maximally store 4500 pieces of history records. The record includes the following information: Date, flow rate, alarm data, total volume delivered, occlusion pressure and syringe brand and serial number.
Alarm	Near empty alarm，Empty alarm，Door open alarm，Bubble alarm，limited value reached alarm，AC power failure，Low battery alarm，Battery empty alarm，Remind alarm，Flow regulator or inlet valve closed alarm (optional)
Power	Supply Voltage：AC100V~240V（±10%），Power Frequency：50Hz-60Hz Built-in Battery：DC15V Ni-MH battery(It can be replaced by lithium ion battery pack necessary) Working time of battery：In case the battery is fully charged, the continuous working time can be up to 6 hours at the speed of 25ml/h. Maximum power：30VA；Note：Before the first use of this product, the battery must be charged while being shut down for more than 8 hours.
Working Environment	Temperature：+5℃-+40℃ Relative humidity：20%-90% Environmental pressure：860hPa-1060hPa
Transport And Storage Environment	Temperature：-20℃~+55℃； Atmosphere Pressure：500hPa~1060hPa。 Products should be stored in the relative humidity in the range of 10%~93%，no corrosion gas indoor and ventilated.
Electric Safety Classification	Class I, CF type，Built-in battery，Continuous operation equipment
Water Proof Level	IPX4
Net Weight	2.2kg(include fastener)
Dimension	320mm(W)×132mm(H)×138mm(D)

Function	
Vehicle Power	Double CPU
Power indicator	Bolus release
History data memory	Standby function
Safety lock for flow rate adjust	Tube heating function
Safety lock for PURGE/BOLUS	Preset Volume To Be Infused
Preset occlusion detection pressure level	Inquiry of total infused volume
RS232 interface(Can be connected to the Internet)	Audible and visual alarm (volume adjustable)

Advanced Function	
Adjust KVO rate	Preset system time
Intelligent pressure test	Preset maximum value of flow rate
Calculation mode; Gradient mode	Adjust occlusion detection pressure

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Pump bracket / infusion workstation BJ-F8

1. Charging with one power supply, simple and convenient wiring;

2. Portable style design, can be used with a variety of syringe/ infusion pumps;

3. It is convenient to install and remove syringe/infusion pump, which can be free combination;

4. Holding 8 pumps at best (bracket channel is customizable) to save space greatly.

Model name: H-1205

Power: DC12V/ 2A

Max power: 5W

Dimension: 170*24*24mm

Weight: 93g

Heating temperature adjustable range between 37 ℃ to 60 ℃

Recommended temperature:

Normal infusion: 43-48℃

Nutrient solution: 45-50℃

blood: 39-45℃