



SP300 SYRINGE PUMP



Quality, Management, Environment, Health & Safety Standards



CDSCO Certified



USFDA Listed



European CE



ISO 13485:
NABCB/IAF



ISO 9001: IAF



7 Electric Safety
Certifications

INTRODUCTION

The SP300 Syringe Pump is a highly accurate and reliable infusion device designed to deliver precise and controlled doses of medications, fluids, and other therapeutic agents. With its advanced microprocessor-controlled technology, this syringe pump ensures seamless and efficient infusion therapy for patients. The SP300 Syringe Pump is an essential tool for healthcare professionals seeking to provide high-quality patient care and optimize infusion therapy outcomes.

CERTIFICATIONS

USFDA Listed with FEI Code, CDSCO Certified, European CE, CE, ISO 13485 from NABCB under IAF, ISO 9001 (IAF), ISO 14001 (IAF), ISO 45001 (IAF), Electric Safety Standards IEC 60601-1-2:2014, IEC 61000-6-1:2016, IEC 60335-2-24:2020, IEC 60335-1:2020, IEC 60364-1:2005, WHO GMP, IP 69, BIFMA, ASTM (Anti Corrosion), EN 13523-26, ISO 13849-1 and Many more.

FEATURES:



Open system: Accepts all standard syringes of 5ml, 10ml, 20ml/30ml, 50ml/60ml.
Large COLOR LED



Large COLOR LED display KVO/Bolus function. Anti-bolus system to reduce significantly after occlusion sudden release.



Three levels of Occlusion Pressure Alarm. Three work modes: Rate Mode, Time Mode, Dose Mode



Three work modes: Rate Mode, Time Mode, Dose Mode Identify the specifications of syringe automatically.



Audible and visual alarm: Syringe Loose, Occlusion, Syringe Empty, Battery Empty, Infusion Complete, Syringe Near Empty, No Action, Battery



Low Freely Stackable: Users can freely stack one syringe pump onto another to provide multiple Solutions Power lost memory.



Visual and audible alarm system and accurate injection rate make the injection process safer and reliable.



Change the flow rate without stop during infusion.



6-8 Hours Internal Li-Battery continuous operation.



Adjustable color temperature and illumination patterns. Octagonal Light



Accurate and sensitive pressure sensor detects occlusion pressure accurately.



Excellent injection operation.



The accuracy will be ensured even at small-volume injection

SPECIFICATIONS:

TECHNICAL SPECIFICATIONS OF CENTRIFUGE	
Make	MarkEn
Applicable syringes	5ml,10ml,20ml,30ml,50ml,60ml of any standard
Accuracy	+/- 2% with correct calibration
Rate mode	50ml(60ml): 0.1ml/h-2000.0ml/h (0.1ml/h or 1ml/h step) 30ml: 0.1ml/h-1200.0ml/h (0.1ml/h or 1ml/h step) 20ml: 0.1ml/h-800.0ml/h (0.1ml/h or 1ml/h step) 10ml: 0.1ml/h-400.0ml/h (0.1ml/h or 1ml/h step) 5ml: 0.1~200ml/h (0.1ml/h or 1ml/h step)
Time Mode	SOL. VOL:0.1-9999ml (0.1ml step) TIME: 00:01-99:59min (1min step) Volume: 0.1-999ml(0.1ml step)
Dose Mode	DRUG MASS: 0.1-999mg 0.1mg step) DOSE: 0.01-9999ug/kg/min(0.001ug/kg/min step) WEIGHT: 0.1-300kg(0.1kg the least step)
Total Volume Range	0.1-9999ml (0.1 ml step)
Purge Rate	50ml(60ml): 1500.0ml/h, 30ml: 1200.0ml/h, 20ml: 800.0ml/h 10ml: 400.0ml/h, 5ml: 200ml/h
KVO Rate	KVO is 3ml/h when the delivery rate \geq 3ml/h, otherwise KVO is the actual delivery rate.
DPS dynamic pressure	Three levels setting LOW (60(\pm 15)kPa), MEDIUM (90(\pm 15)kPa) or HIGH (120(\pm 15) kPa)
Alarms	Syringe Loose , Occlusion, Syringe Empty, Battery Empty, Infusion Complete, Syringe Near Empty, No Action, Battery Low Three levels of alarm volume LOW, MEDIUM or HIGH
Bolus Volume	Range: 1.0~50.0ml, (0.1ml step) AC power supply: AC 100 to 240V(+/-10%), 50/60Hz; DC Power supply: 12~15V, power>15W; Built-in Lithium Battery: Rechargeable, 11.1V, 2000mAh. 8hours of continuous operation
Power source	AC power line, Operational manual
Accessories	Class I, Type CF,IP34
Dimension / N.W	240mm*150mm*117mm , 2.0kg
Packing size/G.W	240mm*150mm*117mm , 2.0kg

CERTIFICATIONS

Quality, Management, Environment, Health & Safety Standards



**50 Products
CDSCO Certified**



USFDA Listed



**8 products tested by a
WHO-accredited laboratory**



European CE



NABCB: ISO 13485



ISO 9001: IAF



ISO 14001: IAF



ISO 45001: IAF



**7 Electric Safety
Certifications**



WHO GMP



**BIFMA Certified,
BIFMA Level 3**



**ASTM- Corrosion
Free Products**



ISO 2409

**EN 13523-26,
ISO 13849-1,
IP 69, IP 65**

& many other...

ALL-IN-ONE SOLUTION FOR

Cold Chain Solution
Medical Equipment
Blood Bank Equipment

Hospital & Scientific Equipment
Hospital Furniture & Infrastructure
Commercial Refrigeration



25+

Years of Excellence



350+

Product Range



500+

Service center



1000+

Committed Engineers



1,00,000+

Satisfied Users

OUR ESTEEMED CUSTOMERS



& MANY MORE...



TECHNICAL SPECIFICATIONS OF CENTRIFUGE

-  **Regd office & Factory:** 93/1, MIDC Satpur, Nashik- 422007 (IND)
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Authorized Distributor Details