SYRU 6006

CARDIOTHORACIC
DRUG DELIVERY

Display readout:
```
        50ml  mmHg:00
Σml:0.0       Σt:000:01
Tml:0.0       Tt:000:00
BD-PRE        RUN
```
5.0

Buttons: DOSAGE · PCA · PURGE · AUTO mL · BOLUS · MENU BACK · SET · MODE · RUN STOP · ASPIRE · NR EMT · END · OCCL

10VA Environment Friendly	**2.2L** Compact Pump
1.8 Kg Lightest Pump	**8 Hrs** Long Battery Backup
IP IPX4 IPX4 Protection	**WiFi** WiFi (Optional)

Made in India. Made for the World.

SYRU 6006

Light Weight

PCA Function (Optional)
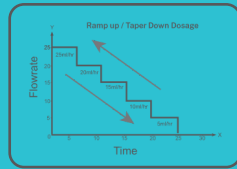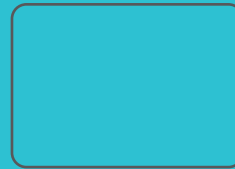

Multiple Porting

LEDs for low light visibility
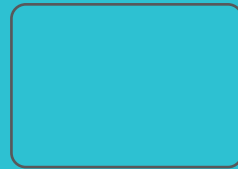
High Flow Rates

Dosage Mode

Drug Library

Vasopressor Violet LED Indication

SYRU 6006 Specification

Power Supply	100-300V AC 50Hz
Battery Backup	8 hrs @ 5ml/Hr flow rate on 50 ml syringe
Power Consumption	<10 VA typical, 23VA At maximum voltage
Display	4x20 LCD & 7 Segment Display for viewing in dark ICUs from long distance, LED Displays for machines current status indicatioin
Applicable Syringe	2ml, 5ml, 10ml, 20ml, 30ml, 50/60ml from programmable up to 1000 brands
Syringe size deduction	Automatic size recognition and manually override the size option available
Custom Syringe programmable	Programmable to any brand of Syringe on field
Syringe brand and size indication	Continuous display of syringe brand and size for quick view
Flow rate Range	0.01 – 350 ml/Hr (2ml Syringe) in increment of 0.01 upto 99.99ml/hr
	0.01 – 750 ml/Hr (5ml Syringe) in increment of 0.01 upto 99.99ml/hr
	0.1 – 1000 ml/Hr (10ml Syringe)
	0.1 – 1800 ml/Hr (20ml Syringe)
	0.1 – 2500 ml/Hr (30ml Syringe)
	0.1 – 3000 ml/Hr (50/60ml Syringe)
	0.1 – 9999 ml
Infused Volume	0.1 to 9999 ml
Target Volume	Display in Infused ML section for last one hour
LAST HOUR infused volume	infused mL volume. To Help accurate Fluid Balance Calculations.
Elapsed Time	Display of Elapsed time from 00.00 to 199:59 hrs
Accuracy	Mechanical Accuracy ±1%
	Including Syringe ± 2%
Bolus	Purge Bolus & Auto Bolus(hands free bolus operation) with individual key access for quick infusion
Bolus Rate	0.01 – 350 ml/Hr (2ml Syringe) in increment of 0.01 upto 99.99ml/hr
	0.01 – 750 ml/Hr (5ml Syringe) in increment of 0.01 upto 99.99ml/hr
	0.1 – 1000 ml/Hr (10ml Syringe)
	0.1 – 1800 ml/Hr (20ml Syringe)
	0.1 – 2500 ml/Hr (30ml Syringe)
	0.1 – 3000 ml/Hr (50/60ml Syringe)
Auto Bolus Volume	0.1ml to maximum volume of syringe in ml in 0.1 ml increments
Bolus Limit	Adjustable Maximum Bolus volume infusion limit per single demand

Sequential Mode	Sequential program of 10 different flow-rate at different rate or volume target. Available, 10 different programs are available
Dosage Taper Up/Down	0.01 to 20 mL/Hr adjustable depending on the syringe size. Possible to disable
KVO	20 level selection from 2 modes PSI & mmHg
Occlusion Pressure	PSI Mode - 1 to 20 PSI
	mmHg Mode - 100 to 1000mmHg in 50mmHg increment
	Possible to Disable
	Display of Running Pressure Allowable: PSI & mmHg
Pressure Display	Saves the previous data even when AC power is switched OFF
Last Data	Reverse running possible for pull mL for Accurate Drug start time. Volume selectable with separate key access
Aspire Concept	

Audio & Visual Alarms: Target reached (time & volume), Occlusion, Syringe not engaged, Syringe holder disturbed during infusion, Near to Empty, Near to target End of syringe, Battery mode, battery low, Internal mechanism fault, KVO Mode, Bolus Mode, PCA Mode, PCA probe disconnected, Patient end drug line disconnected alarm, Operation on mains / battery, Battery low, Mains Over voltage alarm, Mains low voltage alarm, Power Failure Warning alarm, Drive Disengaged, Plunger not engaged alarm

RUN/STOP/ALARM Indication	Corner LED for Long distance quick view indication of status from 30 feet
Night Mode	Night Mode of Operation with Start Time selectable from 18:00 to 22:00 Hours
AMC Alarm	AMC reminder for service and maintenanace due warning
Alarm Volume Modes	Adjustable buzzer volume(OFF – 10 level)
Modes	Flow Rate only
	Flow Rate & Target volume
	Flow Rate & Target Time
	Target volume and target time
	Drug Library Mode
	High pressure Mode
	Program Mode
	Dosage Taper up/Down Mode
Drug Library	Available with 2000 drug list can be programmble Flow rate calculation based on patient weight, drug concentration and drug dosage. mL/24 Hr & mL/min Display
Keypad Lock	Keypad Auto lock with adjustable time limit for locking keypad functions
Tube Holder	IV line Tubing holder external available

Stand By Near	Pause Infusion Facility from 1 min to 24 Hours Standby operation
Empty Time	Adjustable from 3 minutes to 30 minutes
Battery Residual Time	Battery remaining time display Available, post
Anti Bolus Function	occlusion bolus reduction for accidental bolus infusion
Event log with RTC	Available, with 5000 History of records
Flow rate Limitations	Soft limt Function for safe Medication
PCA (Optional)	PCA dose can be preset from 0.1 to 10ml
	Minimum locking time interval between two Doses from 1min - 24hrs in steps of 1 min
	Delivered and non delivered doses display
**Connectivity	Upgradable to WiFi connectivity to mobile and Tablets. Machines data can be viewed directly through mobile Application - with HL7 data compatibility
	(OR) RS232 Communication with HL7 data compatibility
	Advanced QR code Mobile application for
**Service and Maintenance	record and clear the service and maintenance on time with GPS location on application
Fluid management System	can be used combinely with Urine Flow meter for Fluid Management system
Weight	Strictly portable and weight 1.8kg (including fixing clamp - rear side)
Fixing	Easy to fix in horizontal & vertical pole/Rail
Safety Test	EN ISO 13485:2016, EN 60601-1:2006/A1:2013, EN 60601-1-2:2015, EN 60601-1-6:2010, EN 60601-1-8:2007/A11:2017, EN 60601-2-24:2012.
Operating & Storage Temperature	-10 to 50 degree C
Operating & Storage Humidity	15 to 90%
Operating & Storage Pressure	50 to 106kpa
Certification	European CE, ISO 13485:2016
	SPECIAL APPEARANCE
Front Panel LED	For lighting the syringe area for long distance visibility of syringe drugs & conditions RED, YELLOW codes for alarms
Stackable	Stack up to 4 machines in a single pole
Docking Station	4 pumps can be stacked & power up with single power cord