





SYRU 6006

CARDIOTHORACIC
DRUG DELIVERY



 <p>IPX4 IPX4 Protection</p>	 <p>2.2L Compact Pump</p>
 <p>1.8 Kg Lightest Pump</p>	 <p>WiFi WiFi (Optional)</p>



Made in India. Made for the World.

SYRU 6006



Light Weight



PCA Function (Optional)



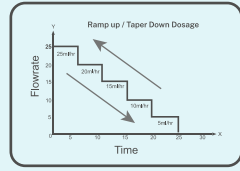
Multiple Porting



LEDs for low light visibility



High Flow Rates



Dosage Mode



Drug Library



Vasopressor Violet LED Indication

AKAS SYRU 6006 Specification

Power Supply	100-300V AC 50Hz
Battery Backup	5 hrs @ 5ml/Hr flow rate on 50 ml syringe
Battery	Ni-MH, (Li-Ion Battery Optional)
Power Consumption	<10 VA typical, 23VA At maximum voltage
Display	3.1 inch LCD & 7 Segment Display for viewing in dark ICUs from long distance, LED Displays for machines current status indication
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 safety infusion
Flow rate Range	0.01 – 350 ml/Hr (2ml Syringe) in increment of 0.01 up to 99.99ml/hr 0.01 – 750 ml/Hr (5ml Syringe) in increment of 0.01 up to 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)
Infused Volume	0.1 – 9999 ml
Target Volume	0.1 to 9999 ml
LAST HOUR infused volume	Display in Infused mL section for last one hour 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 up to 99.99ml/hr 0.01 – 750 ml/Hr (5ml Syringe) in increment of 0.01 up to 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 time or volume target
Dosage Taper Up/Down	Available, 10 different programs are available
KVO	0.01 to 20 mL/Hr adjustable depending on the syringe size. Possible to disable
Occlusion Pressure	20 level selection from 2 modes PSI & mmHg PSI Mode - 1 to 20 PSI mmHg Mode - 100 to 1000mmHg in 50mmHg increment Possible to Disable
Pressure Display	Display of Running Pressure Allowable: PSI & mmHg
Last Data	Saves the previous data even when AC power is switched OFF
Aspire Concept	Reverse running possible for pull mL for Accurate Drug start time. Volume selectable with separate key access
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	AMC reminder for service and maintenance due warning
Alarm Volume	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 programmable 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 available

Stand By	Pause Infusion Facility from 1 min to 24 Hours Standby operation
Near Empty Time	Adjustable from 3 minutes to 30 minutes
Battery Residual Time	Battery remaining time display
Anti Bolus Function	Available, post occlusion bolus reduction to avoid accidental bolus infusion
Event log with RTC	Available, with 5000 History of records
Flow rate Limitations	Soft limit 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
**Service and Maintenance	Advanced QR code Mobile application for record and clear the service and maintenance on time with GPS location on application
Fluid management System	Can be used combinedly 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	For lighting the syringe area for long distance visibility of balance drugs & conditions RED, YELLOW codes for alarms
Front Panel LED	
Stackable	Stack up to 4 machines in a single pole
Docking Station	4 pumps can be stacked & power up with single power cord

PRODUCT CODE: PUM PUM SY6006 | PCA KIT ORDERING CODE: PUM PUM PCAKIT

Manufactured by:



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*Specifications are subject to change without notice