

**Simtek-Infutek 405 series syringe driver popularly also known as syringe Infusion Pump is a basic equipment for :** Intensive care units (ICU), operating theaters, emergency, anaesthesiology, cardiology, neonatology, paediatrics, oncology and general hospital wards. Ideally suited for administration of anti-cancer drugs, oxytocics, chemotherapy medication, anaesthesia & life saving drugs. Infutek 405 is indispensable wherever high-potency drugs are to be precisely delivered at controlled flow rates over an extended period.



EASY TO PLACE  
EVEN WHEN NOT IN USE



HANDLE TO CARRY



## INFUTEK 405 ONE PUMP MULTIPLE OPTIONS User friendly & Safe

Convenience of Front Loading

Utility of Stacking

Drug Library

Allows at a Glance Visualisation of

Drug Names, Volume Infused, Infusion

Time & Flow Rate On LCD / LED Displays

Body Weight Rate Calculation

Bolus with Safety Time Lock

Adjustable Target Volume With Prealarm

Programmable to Accept Any Brand of Syringe

Automatic Rate Calculation with Volume and Time Limit

Upgradable to Double Loop PCA (Optional)

Impact Resistant Strong Cabinet to Protect the Equipment During Accidental Mechanical Impact



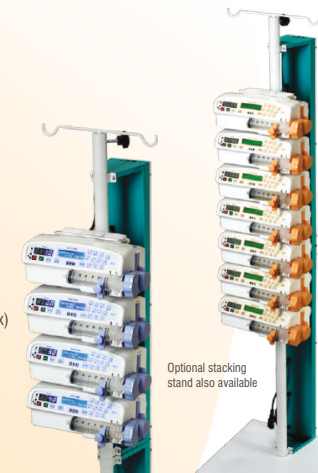
ISO 13485 CE 1023



STACK  
ON EACH OTHER

### SPECIFICATIONS

<b>SYRINGE</b>	: 10, 20, 30, 50/60 ML, 5ML (Optional), 100 ML (Optional)
<b>FRONT LOADING OF SYRINGE</b>	: Syringe size is automatically detected
<b>ACCEPTABLE SYRINGES</b>	: All available standard brands of syringes. Custom Programmable to any brand Syringe.
<b>FLOW RATE RANGE</b>	: 0.1-999.9ml/Hr (Depending on syringe size)
<b>INFUSED VOLUME RANGE</b>	: 0.1 - 999.9ml
<b>BOLUS RATE &amp; VOLUME</b>	: 300-999.9ml/hr (Depending on syringe size), Volume is Programmable by user
<b>BOLUS INTERVAL</b>	: A minimum interval of time can be preset between two Bolus dose to avoid accidental over infusion, 1min to 24 Hrs.
<b>PURGE FACILITY</b>	
<b>KVO</b>	: To Prevent Needle Clogging With Programmable Kvo Rate
<b>OCCUSION</b>	: Low, Medium, High Levels
<b>PUMP STACKING</b>	: Multiple Pump Stacking with Normal or Optional Single Power Cord. Facility of Stacking of 2-3 Pumps with built in Stacking Clips, ensures more useful group application & portability in & around the hospital premises.
<b>BODY WEIGHT MODE (Optional)</b>	: Delivery rate is calculated Automatically based on Volume & time preselection or on values entered for patient body weight with drug parameters.
<b>ALARMS</b>	: Occlusion, End of syringe, Low Battery, Syringe displaced, No Syringe, Wrong Syringe, Pre Alarm for END, invalid rate, target Volume, Target Time, Target volume Pre-alarm, Mains Failure Alarm.
<b>ACCURACY</b>	: Volume : +/- 1%, Time : +/- 1%
<b>TIME LIMIT</b>	: Time from 00: 01 to 23:59 (hrs:min) or more if specially demanded
<b>VOLUME LIMITS</b>	: From 0.1 ml to capacity of the syringe.
<b>POWER</b>	: 220 VAC, +/- 10%, 50/60 Hz 12VA
<b>BATTERY TYPE</b>	: Ni Mh , 12V, 1300mAh
<b>BATTERY BACK-UP</b>	: 5-6 Hrs (Typ.) @ 5ml/Hr. Or more if specially demanded
<b>BATTERY RECHARGING</b>	: 20 Hrs. For full Charging
<b>STANDARDS</b>	: Tested as per IEC 60601.1 60601-1-2 60601-2-24 <b>ISO 13485 CE 1023</b>
<b>DISPLAY</b>	: Premium look with exclusive Blue Color Display (Only in Infutek 405 Ex)
<b>RS485/RS232 PORT</b>	: For Computer Interface Central Monitoring Station (Only in Infutek 405 Ex)
<b>PCA (Optional)</b>	: Upgradable to PCA with Double Loop Safety for PCA dose and time (Only in Infutek 405 Ex)



Optional stacking  
stand also available