



# INFUMAX 5005

Infumax 5005 weighs only 2 Kg making it easy to transport. The product has also been designed elegantly making it easy to operate and pleasing to look at.



QR code for Asset track & Maintenance



Ruggedness and Durability



Accuracy on all IV sets



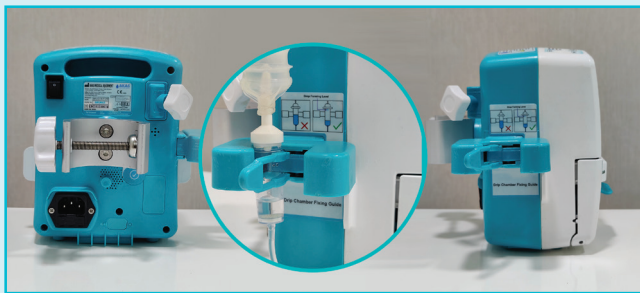
Intuitive controls

Made in India. Made for the World.™

# AKAS INFUMAX 5005

## Specification

|   |  |
|---|--|
| Product Type                                | Volumetric Infusion Pump   |
| Power Supply                                | AC 100V to 280V 50Hz   |
| Battery Backup                              | 5-6 hrs @ 8 drop/min or 25 ml/hr (Auto Power Saving Mode)<br>2-3 hours at higher delivery rate   |
| Power Consumption                           | 10VA (W)   |
| Pumping mechanism                           | Linear Peristaltic   |
| Drop Sensors                                | External   |
| 'Air in line' Detector                      | Internal   |
| Display                                     | LCD and 7 Segment LED Display  |
| Safety features                             | Excess   Less Alarm   Air in Line Protection   Sensor Malfunction Protection   |
| IV set ml conversion                        | Adult IV sets - 12 to 26 drops/ml in steps of 0.5<br>Micro IV sets - 30 to 85 drops/ml in steps of 1   |
| IV set tubing                               | Accepts all Brands of IV set, 100 brands user editable   |
| Drop rate range                             | 1 to 150 drop/min for Adult *<br>1 to 100 drop/min for Micro   |
| Volume rate range                           | 0.1 to 1200 mL/hr for Adult *<br>0.1 to 300 mL/hr for Micro  |
| Drop resolution                             | 1 drop/min   |
| Flow rate Resolution                        | 0.1 to 99.9 mL/hr in steps of 0.1 mL/hr<br>100 mL/hr and above in steps of 1 mL/hr   |
| Bolus Function                              | Auto Bolus, Purge Bolus  |
| Bolus Flow rate                             | 0.1 to 1200 mL/Hr - Adult<br>0.1 to 300 mL/Hr - Micro  |
| Event Log                                   | 5000 History are stored  |
| Free Flow Protection                        | Free flow lever lock for protecting accidental excess flow   |
| Drug Library Mode                           | Drug library run mode with 15 default drugs and upto 100 drug names can be user programmable   |
| Last Data ON/OFF                            | Last infusion rate and other parameters can be stored even after AC power is OFF   |
| Stand By                                    | Pause Infusion facility from 1 min to 24 hours adjustable  |
| Occlusion Alarm :                           | 3 level Occlusion alarm<br>LOW - 300mmHg   MEDIUM - 600mmHg   HIGH - 900mmHg   |
| Infused Volume                              | 0.1 to 9999.9 ml   |
| Target Volume                               | 0.1 to 10000 ml  |
| Bolus Volume                                | 0.1 to 50ml, 0.1 to 1000 ml (Adjustable)   |
| Elapsed time                                | 00:01 to 99:59 Hr  |
| Keep Vein Open (KVO)                        | 0 to 9.9 mL/hr steps of 0.1mL/hr   |
| Battery charging period                     | 10 hrs automatic   |
| Battery type                                | Ni-MH 14.4 V(800 mAh) Rechargeable   |
| Audio and visual alarm                      | Target volume alarm & pre alarm, Excess flow, Less flow/ bottle Empty, Air in line, Battery low, Battery critical, KVO, Door Open or Tube Misleading, AC mains unplugged, AC mains plugged and Occlusion alarm, Pressure Drop & Internal malfunction |
| Purge Flow                                  | Flushing of IV tube possible   |
| Menu Driven                                 | Self Guided / Help Assisted Interactive Functions, Self Diagnosis of Alarm Causes  |
| Housing                                     | (PC + ABS) plastic   |
| Dimension                                   | 148mm x 100mm x190mm (L x W x H)   |
| Weight                                      | 2.0 kg   |
| Certification                               | CE:1023, ISO 13485:2016  |
| Connectivity (Optional)                     | Wi-Fi  |
| Volume and time based flow rate calculation | Available  |
| Accuracy                                    | ±5%, ±3% for all calibrated IV sets  |
| Operating & Storage Temperature             | -10 to 40 degree C   |
| Operating & Storage Humidity & pressure     | 15 to 90% & 50 to 106 kpa  |
| IP Protection                               | IPX4   |
| Classification                              | BF type, class II protection rating, in compliance with IEC / EN 60601-1, Class IIb in compliance with Council Directive 93 /42/EEC  |
| Safety Testing                              | EN 60601-1, EN 60601-1-2, EN 60601-1-6, EN 60601-1-8, EN 60601-2-24  |



\*1. BRAUN  
2. JMS  
Press SET key to save and exit

\*3. SAFTI  
4. TERUMO  
Press SET key to save and exit

\*5. ROMSONS  
6. OXFORD  
Press SET key to save and exit

\*7. ALPHA  
8. Custom set  
Press SET key to save and exit

\*9. Custom set  
10. Custom set  
Press SET key to save and exit

## Avoid manual IV set calibration. Select from Pre-Calibrated IV sets quickly.

- ▶ Drop/min & mL/ hr setting
- ▶ Target volume & Target time setting - Auto calculation
- ▶ Rotatable clamp for mobile pole/rail
- ▶ Upgradable to WiFi Interface
- ▶ Programmable to any IV tubing
- ▶ Suitable for Adult/Pedia infusions
- ▶ Alarm audible with adjustable 3 levels
- ▶ Visible alarm seen with the viewing angle of 180°
- ▶ Free flow protection with lever Operation
- ▶ Occlusion pre-limit alarm.
- ▶ Pressure drop and Door open alarm for safer infusion.
- ▶ High and less flow alarm for safer infusion

Manufactured by:



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\*Specifications are subject to change without notice