



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



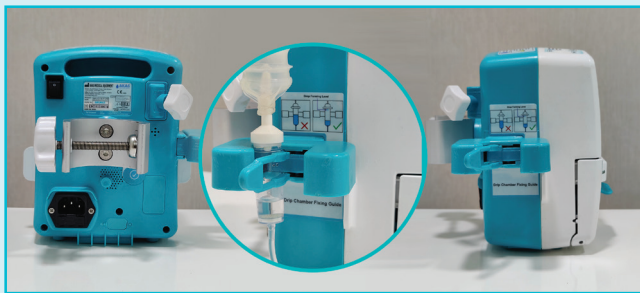
Intuitive controls

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) 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 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 * 1 to 100 drop/min for Micro
Volume rate range	0.1 to 1200 mL/hr for Adult * 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 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 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 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