

ACCURATE &
USER FRIENDLY



Accuracy
on all IV sets



Ruggedness
and Durability



Intuitive
controls



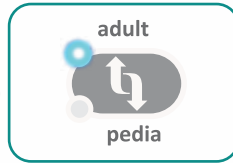
User Friendly



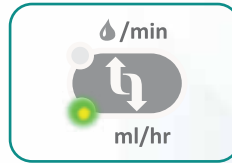
Free Flow Protection



Avoid Air Embolism



Adult & Pediatric



Drop/min & ml/hr



Any IV Set

An infusion pump that serves both volumetric & drop counting function

AKAS INFUMAX SPECIFICATION

Power Supply	AC 220V to 40V 50Hz
Battery Backup	4hrs @ 8 drop/min or 25 ml/hr (Auto Power Saving Mode)
Power Consumption	10VA(W)
Pumping mechanism	Linear Peristaltic
Drop Sensors	External
'Air in line' Detector	Internal
Display	LCD and 7 Segment LED Display Free flow protection
Safety features	Excess flow alarm Less flow alarm Air bubble detection Free flow 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
Drop rate range	1 to 250 drop/min for Adult* 1 to 100 drop/min for Micro*
Volume rate range	0.5 to 999 mL/Hr for Adult* 0.1 to 100 mL/Hr for Micro*
Drop resolution	1 drop/min
Bolus Function	Auto Bolus, Purge Bolus
Bolus Flowrate	10 to 990 mL/Hr - Adult 10 to 100m L/H r - Micro
Occlusion Alarm	Occlusion alarm is generated as less flow alarm (build in algorithm)

Safety Testing

EN 60601-1, EN 60601-1-2, EN 60601-1-6, EN 60601-1-8, EN 60601-2-24

* Maximum Flow Rate may vary depending on IV Set Quality

Flow rate resolution	Sequential press
Adult	0.5 to 10 ml/hr Steps of 0.1 ml/hr 10 to 999 ml/hr Steps of 1 ml/hr
Micro	0.1 to 100ml/hr Step 0.1 ml/hr
	Press & hold Adult
Adult	0.5 to 100ml/hr Step 2 ml/hr 100 to 999ml/hr Step 10 ml/hr
Micro	0.1 to 100ml/hr Step 2 ml/hr
Target Volume	1 to 990ml
Target Volume steps	Adult 1 to 100ml Step 1 ml 100 to 990ml Step 10ml
Micro	0.5 to 10 ml Step 0.1 ml 10 to 100 ml Step 1 ml 100 to 500 ml Step 10ml
Bolus Volume	0.1 to 50mL
Elapsed time	00:01 to 99:59 Hr
Keep vein open (KVO)	Adult : Off to 3dr/min or 3ml/hr Micro : Off to 3dr/min or 1 ml/hr
Battery charging period	16 hrs automatic
Battery type	Rechargeable Ni-Cd, Built in & standard
Accuracy	+/- %5
Alarm indication for	Target volume, Target time, Excess flow, Less flow, Air in line, Battery low, KVO
Purge Flow	Flushing of IV tube possible
Menu Driven	Self Guided / Help Assisted Interactive Functions, Self Diagnosis of Alarm Causes
Housing	ABS plastic
Dimension	140mmx145mmx200mm (LxWxH)
Weight	2.8 kg
Certification	CE,ISO13485:2016,ISO 9001:2008

Manufactured by



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