ARIES S.r.l.
Biomedical Devices

hawk-i1

Infusion Pump



hawkmed®

Hawk-i1 Infusion pump • SmartFusion Series

Hawk – i1 is a device able to guarantee great reliability to operators, easy to use and able to offer interoperability with Hospital Information System.

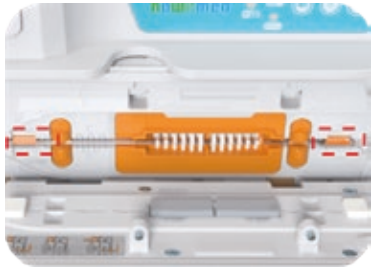
Device produced by Shenzhen hawk Medical Instrument Co. Ltd and distributed by Aries Srl.



Automatic **anti-free-flow** design.



Modular design enables vertical stacking from 2-12 pumps.



Up&down **pressure sensors** monitor pressure accurately.



Double air bubble sensors detect air-in-line prompty.

ENHANCED SECURITY

- With **audible and visual alarm**, caregivers can easily locate the alarm and warning.
- **Drug library** with more than **1000 drugs** in storage and recommended dose limits.
- History record with more than **30000 records stored**.

EASY TO USE

- **Compac and light weight design** allow easy moving and transferring.
- Caregivers can easily install or remove pumps thanks to **rotable pole clamps**.
- **Automatic pump door**.

INTEROPERABILITY

- **Wireless technology** allows for connection to infusion monitoring system for a complete interoperability with HIS and CIS.

Technical sheet

Model	Description
Infusion Mode	Multi Mode, Rate Mode, Time Mode, Weight Mode, Intermittent Mode, Program Mode, TPN Mode, Drip Mode, Sequential Mode, Micro Mode, Loading Dose Mode, PiggyBack, Drug library, Link mode for 2 units of hawk-i1/s1 connected with a USB cable
Applicable infusion set	Various brands of standard infusion sets
Accuracy	±5%
Infusion rate	(0.10-1200)ml/h,increment at 0.01ml/h
VTBI	(0-9999.99) ml
Volume infused	0-36000 ml
KVO rate	(0.10~20.0) ml/h
BOLUS rate	(0.10-1200) ml/h
Occlusion pressure	13 levels
Purge rate	(0.10~1200.00)ml/h,increment at 0.01ml/h
Bubble detection	Double sensor detection with 4 levels
Occlusion pressure	10.0-130.0kpa,Double sensor detection with 13 levels
History record	30000
Alarm	Use battery, AC Fail, Door open, Occlusion, Almost done, Near empty, Drip Abnormal, No operation, Infusion completion, Air Bubble, Low Battery, Battery exhausted, malfunction etc
Features	Anti-Bolus, drug library, Anti-reverse detection, Double CPU,key lock
Optional functions	WIFI,drop sensor
Waterproof	IPX3
Power consumption	35VA
Size	212*138*80mm
Net weight	1.4Kg
Power supply	AC:100-240V 50/60Hz ;DC:DC12V±1.2V
Battery	Li-Polymer 7.4V 1900mAh,more than 5 hours at 25ml/h
Operating conditions	Temperature: 5°C-40°C Relative humidity: 10-95% Atmosphere pressure: 86kPa~106kPa
Storage conditions	Temperature:-20°C~+45°C Relative humidity: 10~95% Atmosphere pressure: 50.0kPa~106.0kPa
Transport conditions	Temperature: -20°C~60°C; Relative humidity: 10~95% Atmosphere pressure: 50.0kPa~106.0kPa

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