

HK-100 Series Infusion Pump



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Products Structure and Features

Products Structure and Features



HK-100 Infusion Pump



HK-100II Infusion Pump

Products Structure and Features



Products Structure and Features

Rotatable pole clamp
meet the needs of horizontal or vertical installation on the IV pole without any tool

Back View

Independent rubber interface cover for better waterproof.

RS-232 port
It is used to connect Infusion pump to PC to transfer infusion history records.

DC input

computer interface for upgrading software.

Drop sensor interface
It is used to connect Infusion pump with drop sensor.



Independent interface



Products Structure and Features

Inner View



Anti-free flow

Occlusion detection



Air bubble detection

Detachable pump body
for easy cleaning

On-Line Titration



500ml/h
100ml

It could change flow rate or VTBI without stopping infusion.

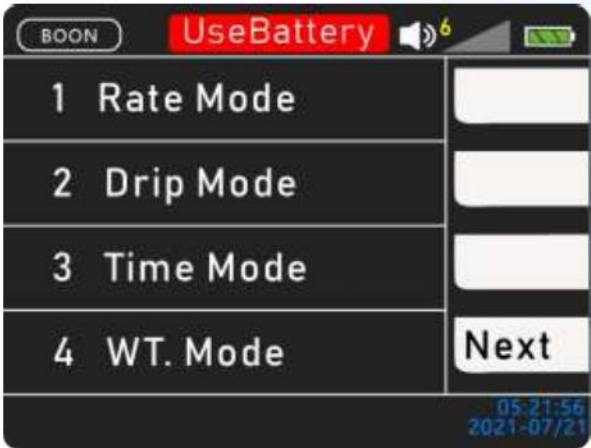
Personnalized big font

Capture the key information at a distance to reducing nurses' working intensity.

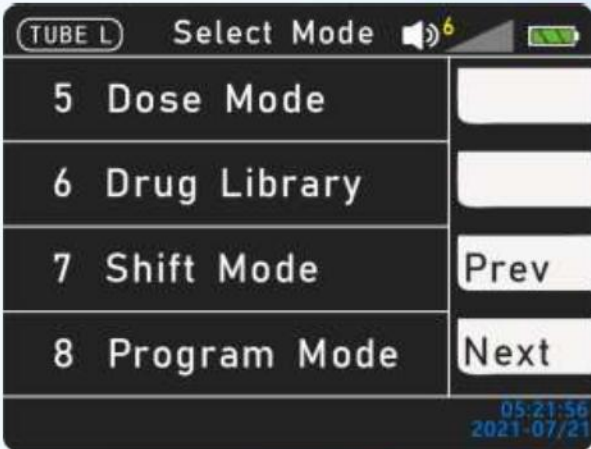


Various Infusion Modes

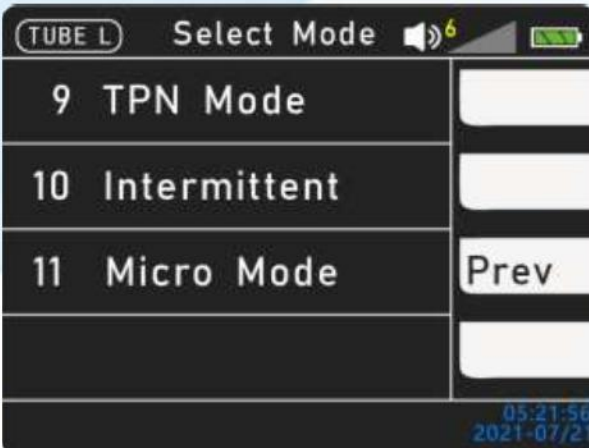
Various infusion modes satisfy different clinical needs



Common Infusion modes



Advanced Infusion modes



Small and light

Night mode

Personalized big font

Anti-free flow

On-line titration

Easy operation

Various infusion modes

Complete alarm management

KVO range

Open system

Anti-bolus

- 1, small and compact , only 1.4kg and palm-sized, space-saving and easy to carry.
- 2, easy and quick operation, Function keys are distributed on both sides of the screen , allowing both hands to operate at the same time, so as to facilitate fast programming
- 3, cost-effective , easy operation and stable performance while price is reasonable.
- 4, good reputation, it has been into market for more than 10 years, updated several times and accepted well by the market.
- 5, Online titration function allows the nurses to change the flow rate or volume without stopping the infusion, ensuring infusion safety.
- 6, Personalized big font enables nurses to Capture the key information at a distance to reducing nurses' working intensity.
- 7, Various infusion modes (HK-100II) meet the infusion requirements of both common drugs and special drugs.
- 8, Manual bolus and auto bolus are available.
- 9, high waterproof and dust proof IP24 make it durable and reliable
- 10, Casing materials with robust Design

Parameter Comparison

HK-100 series model parameter difference

Model	HK-100	HK-100II
Infusion mode	Rate Mode, Drip Mode, Time Mode, Weight Mode, Intermittent Mode , Drug Library , Micro Mode	Rate Mode, Drip Mode, Time Mode, Weight Mode, Dose Mode, TPN Mode, Program Mode, Intermittent Mode, Micro Mode, Sequential Mode, Drug Library
History record	1500	1300

Parameter Comparison



HAWK HK-100II



Mindray VP3



B.Braun Infusomat Space



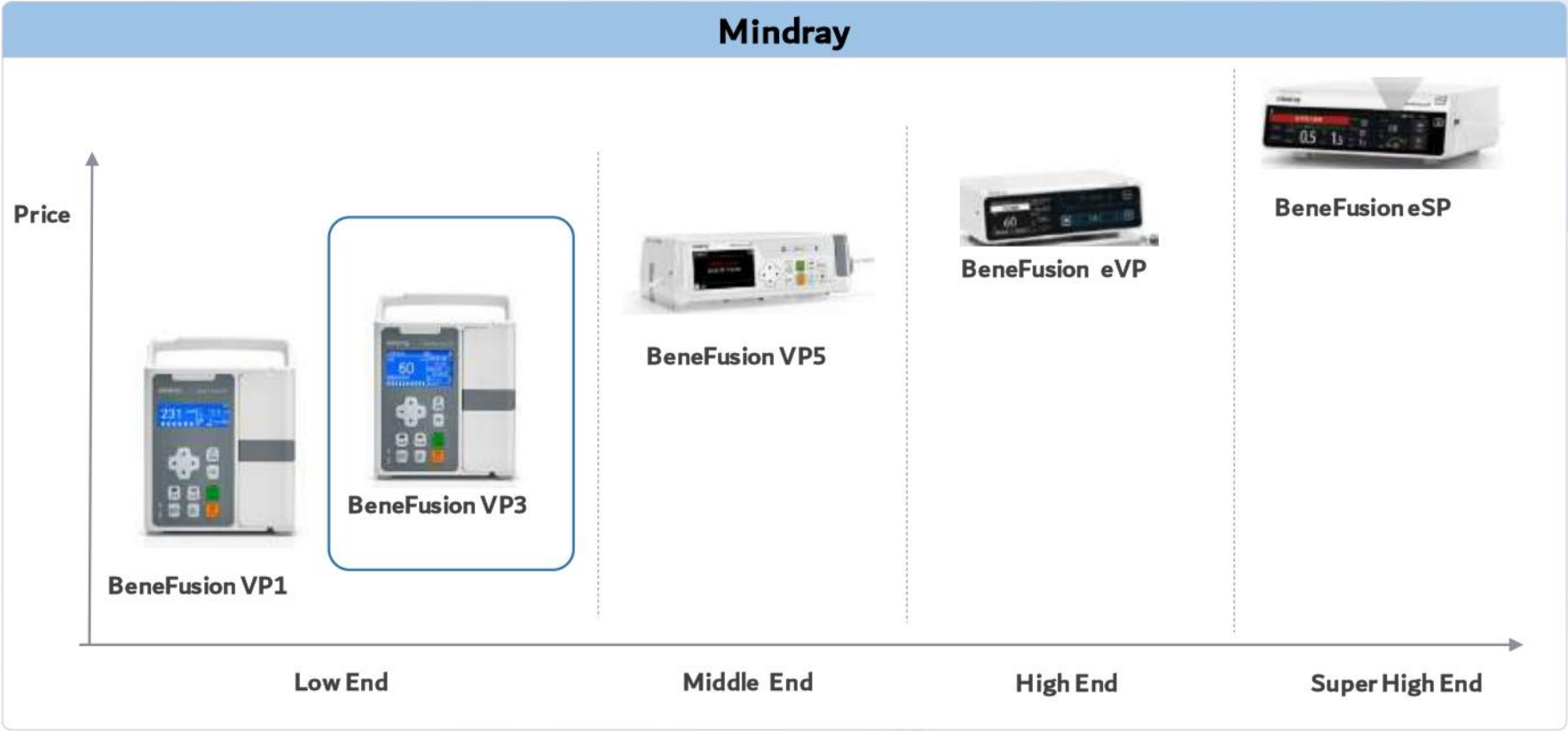
Medcaptain SYS-6010

Parameter Comparison

Brand	Hawkmed	Mindray
Model	HK-100II	VP3
Picture		
Size	145X120X100mm	150*100*200mm
Net weight	1.4Kg	1.8kg
IEC protection class	Class I, type CF	CF, Class I
IP Grade	IP24	IP34
Registration Certification	CE	CE
Accuracy	±5%	±5%
Screen size	2.8 inch non-touch	3.0" LCD monochrome screen
Screen brightness	2 levels	8 levels
Night mode	Yes	Yes
Infuse mode	Rate mode, Drip mode, Time mode, Weight mode, Dose mode, TPN mode, Program Mode, Intermittent mode, Micro mode, Sequential mode, Drug library	Rate Mode, Time Mode, Body Weight Mode and Sequential Mode
Infusion rate	(0.10-1200)ml/h	0.1 - 2000ml/h
Rate increment	0.01ml/h	0.1ml(0.1-999.9ml/h); 1ml(1000-2000ml/h)

Parameter Comparison

Brand	Hawkmed	Mindray
Model	HK-100II	VP3
Picture		
Volume infused	0-36000 ml	0-9999 ml
VTBI	(0-9999.99)ml	0.0 - 9999ml (increment: 0.1ml)
KVO	(0, 0.10~10.0) ml/h	0.1 - 5.0 ml/h, the increment is 0.1ml/h
Bubble-detection level	4 levels	6 levels
Occlusion pressure level	13 levels	4 levels
Bolus	manual & auto	manual & auto
Bolus rate	(0.10-1200)ml/h	0.1-2000ml/h
History record	1300	1500
Alarm sound level	2 levels	1-8 levels
Battery life	>5 hrs @25ml/h	4 hrs @25ml/h
Battery charge time	3 hrs with power off	6 hrs
External communication interface	RS232, Wifi, USB, drop sensor interface (independant ports)	1 DB9 (RS232 and nurse call) , 1 Drop sensor interface
Screen lock	YES	YES
Indicator light	YES	YES
Online titration	YES	YES



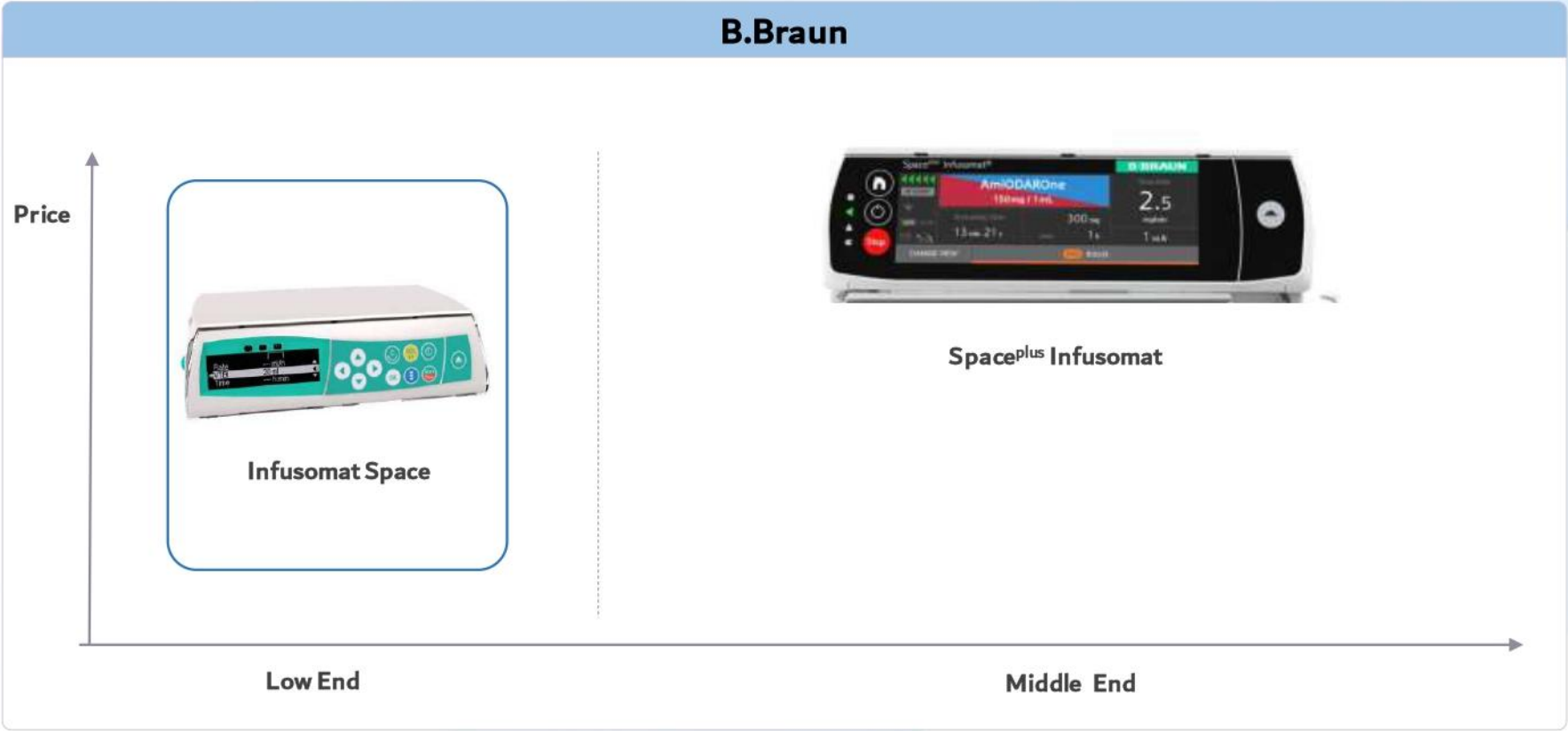
Parameter Comparison

Brand	Hawkmed	B.Braun
Model	HK-100II	Infusomat_Space
Picture		
Size	145X120X100mm	214 x 68 x 124 mm
Net weight	1.4kg	1.4kg
IP Grade	IP24	IP22
Registration Certification	CE	CE, FDA
Accuracy	±5%	±5%
Screen size	2.8 inch non-touch	2.8 inch black & white
Screen brightness	2 levels	10 levels
Night mode	Yes	Yes
Infuse mode	Rate mode, Drip mode, Time mode, Weight mode, Dose mode, TPN mode, Program Mode, Intermittent mode, Micro mode, Sequential mode, Drug library	Rate Mode Time mode Dose Mode Loading dose mode TPN Mode Sequential Mode
Infusion rate	(0.10-1200)ml/h	(0.1-1200)ml/h
Rate increment	0.01ml/h	0.01 ml/h (0.1 - 99.99 ml/h) 0.1 ml/h (100.0 - 999.9 ml/h) 1 ml/H (1000.0 - 1200 ml/h)

Parameter Comparison

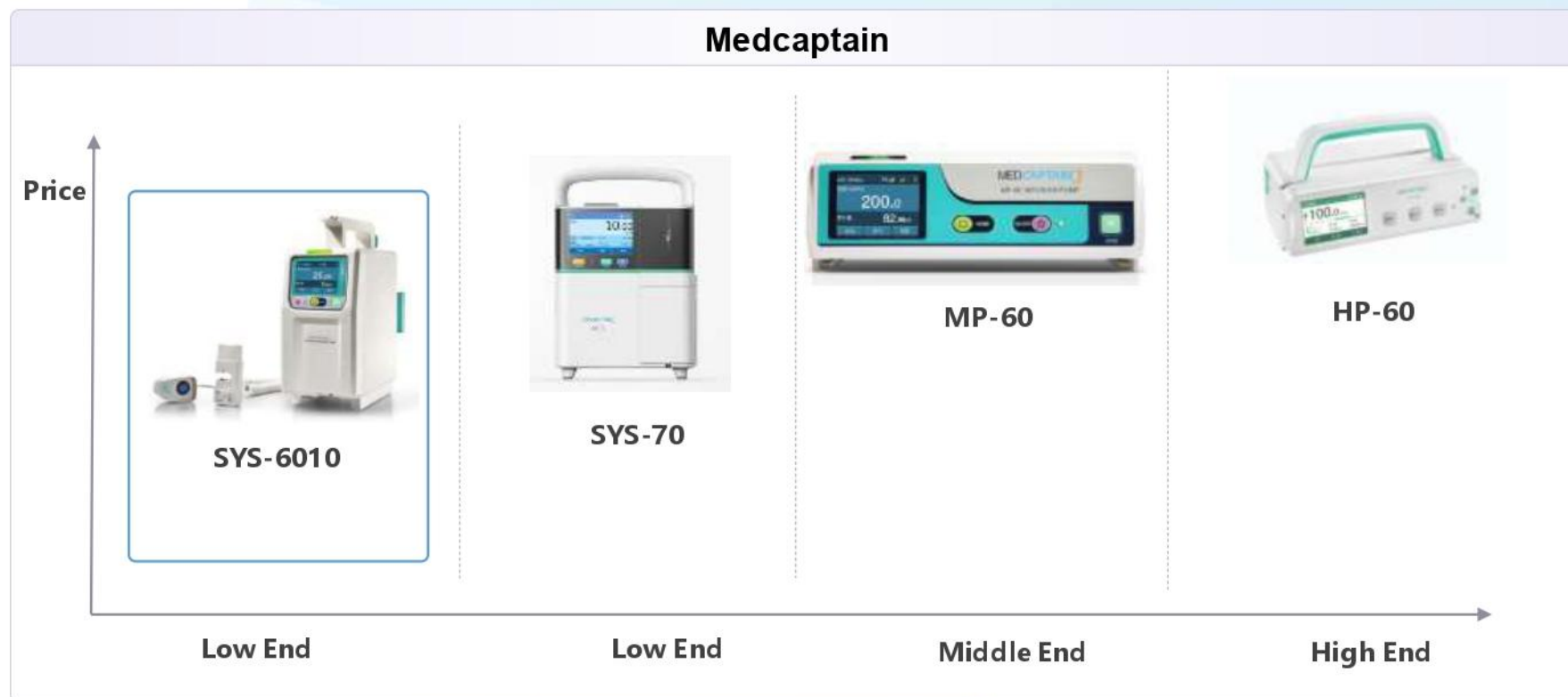
Brand	Hawkmed	B.Braun
Model	HK-100II	Infusomat_Space
Picture		
VTBI	(0-9999.99)ml	0.1-9999ml
KVO	(0, 0.10~10.0) ml/h	3ml/h (infusion rate ≥10ml/h) 1ml/h (infusion rate <10ml/h) 0.1ml/h (infusion rate <1ml/h)
Bubble-detection level	4 levels	/
Occlusion pressure level	13 levels	9 levels
Bolus	manual & auto	manual & auto
Bolus rate	(0.10-1200)ml/h	(0.1-1200)ml/h
History record	1300	1000
Battery life	>5 hrs @25ml/h	>4 hrs @100ml/h
External communication interface	RS232, Wifi, USB, drop sensor interface	RS232, Wifi, USB, CAN SP
Screen lock	YES	YES
Indicator light	YES	YES
Online titration	YES	YES

Parameter Comparison



Brand	Hawkmed	Medcaptain
Model	HK-100II	SYS-6010
Picture		
Size	145X120X100mm	100*230*190 mm
Net Weight	1.4Kg	1.6kg
IEC protection Class	Class I, type CF	Type CF, Class I
IP Grade	IP24	IPX2
Screen	2.8 inch non-touch	2.4 touch screen
Registration Certification	CE, ISO 13485	CE
Accuracy	±5%	±5%
Specification	all IV sets comforting to standards	all IV sets comforting to standards
Infuse Mode	Rate mode, Drip mode, Time mode, Weight mode, Dose mode, TPN mode, Program Mode, Intermittent mode, Micro mode, Sequential mode, Drug library	Rate, Time, Weight , Trapezia, laodingDose, Sequence , Drip
Infusion rate	(0.10-1200)ml/h,mini increment 0.01ml/h	0.1-1200.0 ml/h,mini increment 0.01ml/h
Volume infused	0-36000 ml	0.0-99999.9ml
VTBI	(0-9999.99)ml	0.10-9999
KVO	(0, 0.10~10.0) ml/h	0.1-5.0 ml/h

Brand	Hawkmed	Medcaptain
Model	HK-100II	SYS-6010
Purge	(0.10~1200.00) ml/h, increment at 0.01ml/h	1200.00 ml/h
Bubble-detection Level	4 levels, 50ul-300ul	7 levels (25ul-800ul)
Occlusion Pressure Level	13 levels	3 levels
Bolus rate	(0.10~1200.00) ml/h	35.0-1200.0 ml/h
Bolus ways	auto & manual	auto & manual
Drug Library	5000	
Quantity	1300	1000
Alarm Types	no operation, door open, almost done, finished, empty alarm, air bubble, AC fail, occlusion, on battery, low battery, B.Exhaust, Check tube, PRESS ERR, drip abnor, no drop, system abnor	Near End, Infusion End, Occlusion Alarm, Low Battery, Battery Empty, No Battery, No Power Supply, Door open, Air Bubble, No Drop Sensor, No Drop Signal, Drop Error, Reminder Alarm, and alarms during self-test and running.
Pre-alarm	yes	yes
Battery Life	5 hrs at 25ml/h	5 hrs at 25ml/h
Battery charge time	3 hrs when power off	
External communication	RS232, Wifi, USB	RS232, USB



THANK YOU!

