

ASP-1800 & ASP-1800G

Syringe Pump

(Single Channel)



Features

1. Compatible with any brand syringes from 5ml,10ml,20ml,30ml,50ml and 60ml.
2. Stackable to be the maximum 8 channels.
3. High accuracy +/- 2% after correct calibrated.
4. Five work modes: Rate /Time/Dose/Sequential/Drug library Mode.
5. Manual or Automatic Bolus function.
6. Vertical & Horizontal mounting clamp.
7. Anti-bolus system to reduce significantly after occlusion sudden release.
8. DPS Occlusion Pressure display.
9. 2000 events stored can be checked and downloaded.
10. Large color TFT display with adjustable brightness.

Technical Specifications

PARAMETER	SPECIFICATION
Applicable syringes	5ml,10ml,20ml,30ml,50ml,60ml of any standard
Accuracy	+/- 2% with correct calibration
Rate mode	0.1ml/h-2000.0ml/h (0.1ml/h or 1ml/h step)
Time Mode	SOL. VOL:0.1-9999.9ml (0.1ml step) TIME: 00:01-99:59min (1min step)
Dose Mode:	Volume: 0.1-999.9ml(0.1ml step) DRUG MASS: 0.1-999.9mg (0.1mg step) DOSE: 0.001-9999 (0.001 step) WEIGHT: 0.1-300kg(0.1kg step)
Total Volume Range	0.1-9999.9ml (0.1 ml step)
Drug library Mode	ASP-1800G with drug library
Sequential mode	(Optional)
Purge Rate	Programmable and adjustable

KVO Rate	0.0~5.0 ml/h, Programmable and adjustable
DPS Occlusion Pressure	LOW:60(±15) kPa, MEDIUM:90(±15) kPa HIGH:120(±15) kPa (Adjustable)
Alarms	Loose, Occlusion, Empty, Near Empty, Rate Abnormal, Low Battery, No Battery, Infusion Complete, No Action, Syringe Plunger Disengagement
Alarm volume	Three levels: LOW, MEDIUM or HIGH
Bolus Rate	0.1-2000ml/h, Programmable and adjustable, Automatic/Manual bolus available
Bolus Volume	Range: 1.0~50.0ml, (0.1ml step)
Interface	RS-232
Brightness	1~10 levels can be selected
History records	2000 events stored can be checked and downloaded
Power source	AC power supply: AC 100 to 240V(+/-10%), 50/60Hz; DC Power supply: 12~15V, power>15W; Built-in Lithium Battery: Rechargeable, 11.1V, 2000mAh. 12 hours of continuous operation
Protection Class	Class I, Type CF, IPX4
Dimension / N.W	240mm*150mm*117mm, 2.5kg
Packing size/G.W	300mm*260mm*160mm, 3.5KG



Add: Block B, CC Park, No.728 Lanzhou Road, Baohe Industrial Zone, Hefei, China.

Tel: 0086-551-63802963

Fax: 0086-551-63802920

Web: www.ari-cn.com

Email: sales@ari-cn.com