



## Large Animal Infusion



# iPRECIO® Dual Ambulatory Pump

Reduce costs and improve data quality through automation.

### Reduce Labor and Errors

- Program all pumps for multiple dose groups across the entire study duration in less than twenty minutes.
- After initial programming is complete, users need not calculate and enter settings directly into each pump daily.
- Reduce errors by importing new weight tables to calculate flow rate(s). Potentially avoid hundreds of thousands of key strokes!

### Minimize Human Variables

- iPRECIO Dual removes the need to enter the animal room before the end of physiologic measurements to remove the pump and extract remaining test article from the animal's catheter.
- Safety pharmacology studies are performed without any interaction with the animals from several hours pre-dose to 20/24 hours post-dose.
- Rely on iPRECIO Dual. It continues the infusion protocol (and stores history) even if communication with the system is lost.
- Wirelessly program or re-program in real-time.
- Users stay informed by selecting alerts to receive.

### Automated and Flexible

- Dual inlet for two test articles or one test article and one maintenance article for flushing and maintaining the infusion line.
- Real-time status display is provided for all pumps.
- Compatible with all commonly-used infusion ports.
- Capable of infusing at rates between 0.6 to 120ml/hour.



iPRECIO Dual



iPRECIO Dual was designed to work with Solomon Scientific's Orchestra™ software. See reverse side for more information.

## Orchestra™ Software from Solomon Scientific

iPRECIO Dual is integrated into Solomon Scientific's Orchestra™ software. Orchestra was designed to automate toxicology studies by providing the following:

- Wireless programming from simple to complex infusion protocols
- Ability to switch between test articles
- Remote, real-time monitoring of all pumps
- Pump alerts via email and texting
- All pump actions are documented and final reporting is prepared by Orchestra
- Orchestra is FDA 21 CFR Part 11 compliant

## iPRECIO Dual is Re-usable

In addition to the previously-stated benefits, iPRECIO also provides a low cost of ownership. Cartridges are disposable but the battery itself may be re-charged up to 200 times!

# ORCHESTRA™



## iPRECIO®

Programmable Infusion Pump

### DUAL



Disposable cartridge.

Re-usable pump.

### iPRECIO Dual Pump Technical Specifications

Infusion Flow Rates	0.6 ml/hour - 120 ml/hour in steps of 0.06 ml/hour 10 µl/min - 2000 µl/min in steps of 1 µl/min
Accuracy	± 5%
Infusion Protocols	Bolus, intermittent, continuous and custom
Infusion Mechanism	Rotary Finger Method
Reservoir Volumes	50 ml, 100 ml, 150 ml, 300 ml
Battery Life	At least 23 hours or total infusion volume of 100 ml
Battery	DB-L50 Li-ion, rechargeable up to 200 times
Communications	IEEE 802.15.4 - compatible with Orchestra® software and wireless network
Size (mm)	117 x 77.4 x 23 (with connectors)
Weight	186 g with batteries and cartridge
Software	Orchestra® by Solomon Scientific
Service Life	5 years or 20,000 ml delivered
Warranty	One year

### iPRECIO Dual Disposable Cartridge Technical Specifications

Service Life	Total discharge amount 1,000 mL
Inner Tube	ID 1.15mm, OD 2.5mm, material SEBS
Sterilization	2 years from production date
Package	EtO Sterilized blister package (5pcs/box)