

CADD®-Solis VIP and CADD-Prizm® VIP Pumps

Comparison Tool



General Information

Specifications	CADD®-Solis VIP Pump Model 2120	CADD-Prizm® VIP Pump Model 6101
New Features	<ul style="list-style-type: none"> • On/Off power switch • One-handed latch of disposable • Color-coded visual indications with status bar • Intuitive menu-based programming on a color screen • Help screens assist patients with troubleshooting and help reduce clinician visits • Rechargeable battery available • On-board reports display infusion history graphically 	-
Type of Device	Multi-therapy ambulatory infusion pump	Multi-therapy ambulatory infusion pump
Medication Safety Software (MSS)	Yes – meets industry guidelines for smart pump technology	No – does not meet industry guidelines for smart pump technology
Medication Safety Software Application(s)	PharmGuard® Administrator Medication Safety Software	-
Indications For Use	<ul style="list-style-type: none"> • Intravenous • Intra-arterial • Subcutaneous • Intraperitoneal • Epidural space • Subarachnoid space • In close proximity to nerves • Intraoperative site 	<ul style="list-style-type: none"> • Intravenous • Intra-arterial • Subcutaneous • Intraperitoneal • Epidural space • Subarachnoid space
Delivery Modes	Library Programming <ul style="list-style-type: none"> • Continuous • Intermittent • PCA • Taper • Step 	Manual Programming <ul style="list-style-type: none"> • Continuous • Intermittent • PCA • TPN

Pump Specifications



Specifications	CADD®-Solis VIP Pump Model 2120	CADD-Prizm® VIP Pump Model 6101
Screen Color	Designated Colors: <ul style="list-style-type: none"> • Continuous: Grey • Intermittent: Blue • PCA: Purple or Yellow • Step: Olive • Taper: Green Customizable in MSS <ul style="list-style-type: none"> • PCA: Purple or Yellow 	<ul style="list-style-type: none"> • Grey
Pumping Mechanism	Linear Peristaltic	Linear Peristaltic
Pump Size	4 in. x 5 in. x 1.6 in.	4.1 in. x 5.6 in. x 1.7 in.
Weight	21 oz. including [4] AA batteries	20 oz. including 9V battery
Power Source	<ul style="list-style-type: none"> • 4 x AA batteries • Rechargeable battery pack • AC power • Power on/off button 	<ul style="list-style-type: none"> • 1 x 9V battery • External power source (EPS) • AC power • No power on/off button
Battery Power Status	Always on status bar (decreases in 25% increments with color changes)	Low indicator only
System Delivery Accuracy	±6% (nominal)	±6% (nominal)
Continuous Flow Rates	<ul style="list-style-type: none"> • 0.1-250 mL/hr with standard set • 250-500 mL/hr with high volume set • 0.1-100 mL/hr (PCA mode only) 	<ul style="list-style-type: none"> • 0.1-125 mL/hr with standard set • 125-350 mL/hr with high volume set • 0.1-30 mL/hr (PCA mode only)
Priming Rate	<ul style="list-style-type: none"> • 250 mL/hr with standard set • 500 mL/hr with high volume set 	<ul style="list-style-type: none"> • 125 mL/hr with standard set • 350 mL/hr with high volume set
Pump Security	Automatically locks on start of infusion and 30 seconds after last key press if on the Home screen	Autolock option on start of infusion or manual lock to Lock Level 1 or Lock Level 2
Security Levels	<ul style="list-style-type: none"> • Administrator code • Clinician code • Keypad code Patient permissions available: <ul style="list-style-type: none"> • Priming security on/off • Delayed start security on/off 	<ul style="list-style-type: none"> • Lock Level 0 • Lock Level 1 • Lock Level 2



Programming Details

Specifications	CADD®-Solis VIP Pump Model 2120	CADD-Prizm® VIP Pump Model 6101
Pump Operations and Tasks Available Without a Security Code	<ul style="list-style-type: none"> • Stop/Start • Reset reservoir volume • Taper down now • View delivery settings • Current time • Current date • Backlight intensity • Alarm volume • Sound theme • Key beep on/off • View reports • Step down (STEP mode only) • Step up (STEP mode only) 	<ul style="list-style-type: none"> • Stop/Start • Reset reservoir volume • Taper down now • View delivery settings • View current time • View current date
Wired Network Communications	Yes – using PharmGuard® Administrator Software	Analog modem-based using CADD-Sentry® Software
Protocol Library	<ul style="list-style-type: none"> • Protocol library developed, edited on the PC, stored in a database on either the PC or network server • Stores up to 500 protocols per library • Libraries (or single protocols) are transferred onto the pump via USB-mini USB connection 	<ul style="list-style-type: none"> • No library
Programming Units	<ul style="list-style-type: none"> • mL (all delivery modes) • mL, mg, mcg (PCA only) 	<ul style="list-style-type: none"> • mL (all delivery modes) • mL, mg, mcg (PCA only)
Reservoir Volume Limits	1.0 to 9,999 mL	1.0 to 9,999 mL
Delayed Start	<ul style="list-style-type: none"> • All (except Intermittent delivery mode) • Up to (96 hours) 	<ul style="list-style-type: none"> • No Delayed Start
Next Dose Start Time	Intermittent mode only	Intermittent mode only
KVO Rates	<ul style="list-style-type: none"> • Programmable • 0-10 mL/hr (All Therapies except PCA) • PCA Mode Only: 0.1 mL/hr – only when Delivery Limit reached 	<ul style="list-style-type: none"> • 0-10 mL/hr (Intermittent Only) • 0-5 mL/hr (TPN Only)
Downstream Occlusion Sensitivity	Customizable on pump per protocol (in Advanced Tasks)	-
Alarm Help Screens	Images, text and customizable support message	Text only

Programming Details (Continued)



Specifications	CADD®-Solis VIP Pump Model 2120	CADD-Prizm® VIP Pump Model 6101
Reports	<ul style="list-style-type: none"> • Event Log • Total Given • Delivery History and Pie Chart • Delivery Log • Protocol Library Summary • Device Information <p>PCA Mode includes all of the above and:</p> <ul style="list-style-type: none"> • Given and PCA Dose Counters • PCA Dose Graph 	<ul style="list-style-type: none"> • Event Log <p>PCA Mode includes the above and:</p> <ul style="list-style-type: none"> • Given and PCA Dose Counters
Event Log	5,000 events	500 events
Alarm Volume and Sound Theme	Adjustable on pump (no code required)	Not adjustable
Pump Alarm/Messages (Alarm priority and total number of alarms affiliated with each priority)	<p>75 total alarms/messages:</p> <ul style="list-style-type: none"> • High Priority: 19 • Medium Priority: 23 • Low Priority: 10 • Informational: 23 	<ul style="list-style-type: none"> • 68 total alarms
High Pressure Alarm Threshold	18 ± 9 psi	18 ± 9 psi
Air Detector Alarm	<p>Sensitivity:</p> <ul style="list-style-type: none"> • Low : Single bubble > 2 mL : Accumulated air: > 2 mL over 15 min. • High: Single bubble > 0.15 mL : Accumulated air: > 1 mL over 15 min. <p>Option: on/off</p> <p>Adjustable on pump in Advanced Tasks with security code</p>	<p>Single bubble greater than 0.1 mL</p> <p>ONLY IF AIR DETECTOR IS ADDED TO PUMP</p>
Key Beeps	Customizable	Always on
Keys on Key Pad	7	9
Preventative Maintenance Reminder	Programmable alert	Programmable alert

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