

CADD®-Solis VIP and CADD-Legacy® PLUS Pumps

Comparison Tool



General Information

Specifications	CADD®-Solis VIP Pump Model 2120	CADD-Legacy® PLUS Pump Model 6500
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 	<ul style="list-style-type: none"> • Powered on with AA battery lock with CADD® key • AC indicator light on keypad • Black and white screen • Simple programming steps • AA alkaline batteries • Event history log can be printed
Type of Device	Multi-therapy ambulatory infusion pump	Single 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	CADD-Sentry® 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
Pump Type	• Peristaltic with dedicated CADD™ medication cassette reservoirs and CADD® administration sets	• Peristaltic with dedicated CADD™ medication cassette reservoirs and CADD® administration sets



Pump Specifications

Specifications	CADD®-Solis VIP Pump Model 2120	CADD-Legacy® PLUS Pump Model 6500
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"> • Black and White
Pumping Mechanism	Linear Peristaltic	Linear Peristaltic
Pump Size	1.6 in. x 4 in. x 5 in. (4.1 cm x 10.2 cm x 12.7 cm)	1.6 in. x 3.8 in. x 4.4 in. (4.1 cm x 9.5 cm x 11.2 cm)
Weight	21 oz. including (4) AA batteries	13.8 oz. including (2) AA batteries
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"> • 2 x AA batteries • No power on/off button
Battery Power Status	Always on status bar (decreases in 25% increments with color changes)	Low battery/Depleted battery
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) • Programmable in 0.1 mL increments 	<ul style="list-style-type: none"> • 0.1-125 mL/hr with standard set • Programmable in 0.1 mL increments
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"> • 180 mL/hr with standard set
Pump Security	Automatically locks on start of infusion and 30 seconds after last key press if on the Home screen	3 Lock Levels
Security Levels	<ul style="list-style-type: none"> • Administrator code • Clinician code • Keypad code 	<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-Legacy® PLUS Pump Model 6500
Pump Operations and Tasks Available Without a Security Code	<ul style="list-style-type: none"> • Stop/Start • Reset reservoir volume • View delivery settings • Change current time • Change current date • Backlight intensity • Alarm volume • Sound theme • Key beep on/off • View reports • Step down (STEP mode only) • Taper down now 	<ul style="list-style-type: none"> • Stop/Start • Reset reservoir volume • View delivery settings • View current time • View current date • Prime • Change Units • Change Continuous Rate • Change Concentration • Change Demand Dose • Clear Given Amount • Clear Doses Given • Clear Doses Attempted
Wired Network Communications	Yes – using PharmGuard® Administrator Software	No
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)
Reservoir Volume Limits	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) 	None
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"> • 0-125 mL/hr (Intermittent Only)
Downstream Occlusion Sensitivity	Customizable on pump per protocol (in Advanced Tasks)	On/Off 26 +/- 14 psi
Alarm Help Screens	Images, text and customizable support message	None

Programming Details (Continued)



Specifications	CADD®-Solis VIP Pump Model 2120	CADD-Legacy® PLUS Pump Model 6500
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
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, including:</p> <ul style="list-style-type: none"> High Priority: 19 Medium Priority: 23 Low Priority: 10 Informational: 23 Occlusion Reservoir empty Low battery 	<p>18 messages or alarms, including:</p> <ul style="list-style-type: none"> Occlusion Reservoir empty Low battery
High Pressure Alarm Threshold	18 ± 9 psi	26 ± 14 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>	<ul style="list-style-type: none"> Low: Single bubble > 0.25 mL High: Single bubble greater than 0.1 mL Multi-bubble > 1.0 mL
Key Beeps	Customizable	Always on
Keys on Key Pad	7	8
Preventative Maintenance Reminder	Programmable alert	Programmable alert

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