

CADD Prizm[®] VIP



**CONTINUOUS
INTERMITTENT
TPN OR PCA
DELIVERY**

**Model 6101
Ambulatory Infusion Pump**

CADD-Prizm® VIP Multi-therapy Pump

Building a strong cornerstone for your future IV therapy needs

Deltec's CADD-Prizm® VIP pump creates a solid foundation for your IV therapy needs. Its flexibility, safety, durability and advanced communications capabilities are designed to give you powerful tools for cost-effectively and efficaciously managing your patients' care and your patient data.

The CADD-Prizm® VIP pump offers CADD® pump familiarity and reliability.

The pump's platform includes four therapy profiles designed to meet your needs for rapidly changing patient populations and an evolving health care environment. In addition, the CADD-Prizm® VIP pump is positioned to work with you into the future by offering expanded capabilities for patient, therapy, data and outcomes management via the new CADD-DIPLOMAT® PC Communications System.

Cost-effective investment for managed care and capitation requirements

- A pump with four delivery modes may help to reduce the total number of rental pumps needed because the system adapts to changing patient populations and infusion needs.
- Training time with new technology may be reduced, resulting in improved implementation time and lower conversion costs.

- Similarity to CADD® pumps reduces training time.
- Clinicians new to CADD® pump technology will find intuitive programming:

Prompting software is designed to confirm program parameters.

Help screens give automatic tips on how to operate the pump.

- CADD® pump reliability and durability mean less down time and fewer interruptions to therapy, as well as avoidance of costs associated with extra rentals and repairs.
- **NEW** Clinicians may establish a remote connection with the CADD-Prizm® VIP pump through the CADD-DIPLOMAT® PC Communications System.
- Remote programming or dose titration designed to save time in changing or transmitting new prescriptions and to reduce unscheduled home care visits.
- Remote troubleshooting designed to save time identifying the cause of problems and to prevent unnecessary home care visits or incorrect problem diagnoses.
- Patient visits may be reduced by the clinician's ability to remotely update therapy information and records, and make dose adjustments. Reduced travel may save resources and allow staff more time for other activities.

Better data collection and transmittal

- PCA application offers extended history report that summarizes drug delivery over the time period selected.
- Event log stores the last 500 events in the pump's history.
- Report printing capabilities for extended history and event log.
- PC communication capabilities when used with the CADD-DIPLOMAT® PC Communications System.

Flexibility to provide better asset management for changing patient populations

- Concentration settings in milliliters, milligrams or micrograms.
- Multiple drug-delivery options with Medication Cassette reservoirs or CADD® administration sets.
- Expanded flow rate capabilities for a wider range of therapies.
- Designed for use in home care, skilled nursing facility and hospital settings.

Enhanced biomed management tools

- Biomed Toolbox allows customi-zation of pump parameters such as custom lock level code, preventive maintenance reminder and drug-concentration settings.
- Preventive maintenance reminders can be set as required.

Safety features address health care providers' and patients' needs

- Upstream occlusion sensor minimizes interruption of fluid delivery between bag and pump.

NEW

- AutoLock can be set to change the lock level to either LL1 or LL2 when the pump is started.

- Delivery mode selection is separate from main programming loop.
- Medication Cassette reservoir helps to provide drug security.
- Cassette detection and latch/lock sensors for proper attachment and security.



CADD-Prizm® VIP Model 6101 Specifications*

General Pump

RESOLUTION

Medication Cassette reservoir or CADD® administration set, 0.050 ml per pump stroke nominal
CADD-Prizm® high volume administration set, 0.100 ml per pump stroke nominal

SIZE

4.4 cm x 10.4 cm x 14.1 cm (1.7 in. x 4.1 in. x 5.6 in.) excluding cassette or other accessories

WEIGHT

568 g (20 oz.) including 9-volt battery and empty 100-ml Medication Cassette reservoir, excluding other accessories

POWER SOURCES

9-volt alkaline or lithium battery such as DURACELL® Alkaline MN 1604 or ULTRALIFE® Lithium U9VL; rechargeable power pack; AC adapter.

UPSTREAM OCCLUSION SENSOR

Fluid is not flowing from the reservoir to the pump

PUMP ALARMS

Low battery power; depleted battery power; external power source low, faulty, depleted; pump stopped; pump fault; low reservoir volume; high delivery pressure; upstream occlusion; air in line; air detector faulty or detached (only with the use of the optional air detector); air detector port cover detached; delivery too slow; key stuck; cassette detached or unlocked; print failure

BOLUS VOLUME AT OCCLUSION ALARM PRESSURE

0.050 ml resolution sets/
reservoirs: <0.25 ml
0.100 ml resolution sets:
<2.0 ml

SYSTEM DELIVERY ACCURACY

± 6% (nominal)

HIGH PRESSURE ALARM

18 ± 9 psi

AIR DETECTOR ALARM

Single bubble greater than 0.100 ml

Options

IMMEDIATE TAPER-DOWN (TPN)

0 - time remaining in the infusion period, in 10-minute increments (defaults to currently programmed Taper-Down)

AUTOLOCK

Not in Use, LL1 or LL2

TIME REMAINING (INTERMITTENT)

Dose and Cycle display in 1-minute increments

PRIME

Prime tubing

AIR DETECTOR

Turned On or Turned Off

EVENT LOG

0 - 500 events

EXTENDED HISTORY (PCA)

Up to 48 hours
in 1-hour increments

TIME AND DATE

00:00–23:59
US standard (mm, dd, yy) or
European standard (dd, mm, yy)

INTERMITTENT Delivery Mode



RESERVOIR VOLUME

1 - 9999 ml or Not In Use; programmable in 1 ml increments, displayed in 0.1 ml increments

DOSE VOLUME

0.1 - 1000 ml in the following increments:
0.1 for values between 0.0 and 100
1 for values between 100 and 1000

DOSE DURATION

1 min - 24 hrs in the following increments:
1 minute for values between 1 min and 10 min
5 minutes for values above 10 min

DOSE CYCLE

10 min - 96 hrs
in 5-minute increments

KVO RATE

0 - 10 ml/hr
in 0.1 ml/hr increments

NEXT DOSE START TIME

10 min - 96 hrs x min (where x equals a 10-minute increment in the 96th hour)
or Immediate; programmable in 10-minute increments

GIVEN

0 - 99999.9
in 0.1 ml increments

CONTINUOUS Delivery Mode



RESERVOIR VOLUME

1 - 9999 ml or Not In Use; programmable in 1 ml increments, displayed in 0.1 ml increments

GIVEN

0 - 99999.9
in 0.1 ml increments

CONTINUOUS RATE

0.1 - 350 ml/hr in the following increments:
0.1 for values between 0.1 and 100
1 for values between 100 and 350

BIOMED TOOLBOX



PM (PREVENTIVE MAINTENANCE) REMINDER

1 - 24 months in 1-month increments, Not In Use

DATE FORMAT

US Standard (mm/dd/yy) or
European Standard (dd/mm/yy)

EXTENDED HISTORY (PCA)

On/Off

UPSTREAM OCCLUSION

On/Off

CUSTOM LOCK LEVEL CODE

1-899 (excluding preset code) in increments of 1

POWER SOURCE DISPLAY

Always Display or
Only Low Battery

AIR DETECTOR REQUIRED

Required or Not Required

CUSTOM CONCENTRATIONS (PCA)

Turn On All or Turn Off All or Modify Individual

*Nominal

CADD-Prizm® VIP Model 6101 Specifications*

PCA Delivery Mode



RESERVOIR VOLUME

1 - 9999 ml or Not In Use; programmable in 1 ml increments, displayed in 0.1 ml increments

UNITS

Milliliters (ml), milligrams (mg), micrograms (mcg)

CONCENTRATION

Mg/ml: 0.5, 1, 2, 3, 4, 5, 10, 15, ...95, 100

Mcg/ml: 1, 2, 3, 4, 5, 10, 15, ...95, 100, 200, 300, 400, 500

DEMAND DOSE

0 - 9.9 ml in 0.1 ml increments (or the mg or mcg equivalent)

Delivery rate (Continuous Rate + Demand Dose): 125 ml/hr nominal

DEMAND DOSE LOCKOUT

5 minutes - 24 hours in the following increments:

1 minute for values between 5 and 20 minutes

5 minutes between 20 minutes and 24 hours

MAX DOSES PER HOUR

1 - 12 doses in 1 dose increments (will also be limited by the Demand Dose Lockout value)

DEMAND DOSES GIVEN

0 - 999

DEMAND DOSE ATTEMPTS

0 - 999

CONTINUOUS RATE

0 - 30 ml/hr (or the mg or mcg equivalent) in the following increments:

0.1 for numerical values between 0.0 and 100

1 for numerical values between 100 and 1000

10 for numerical values above 1000

GIVEN

0 - 99999.9 in 0.1 unit increments

CLINICIAN BOLUS

0.1 ml (or mg or mcg equivalent) to 20.00 ml

Delivery rate (Continuous Rate + Clinician Bolus): 125 ml/hr nominal

Product Components

REORDER NO. 21-8821

CADD-PRIZM® VIP AMBULATORY INFUSION PUMP MODEL 6101

Pump, 50-/100-ml pump pouch, pump key, operator's manual, patient information guide, 9-volt battery

REORDER NO. 21-8921

CADD-PRIZM® VIP AMBULATORY INFUSION PUMP MODEL 6101 WITH AIR DETECTOR

Pump, air detector, 50-/100-ml pump pouch, pump key, operator's manual, patient information guide, 9-volt battery

REORDER NO. 21-8831

CADD-PRIZM® VIP AMBULATORY INFUSION SYSTEM MODEL 6101

Pump, rechargeable power pack, AC adapter, 3-liter backpack, 250-/500-ml pump pouch (waist version), 50-/100-ml pump pouch, pump key, operator's manual, patient information guide, 9-volt battery

REORDER NO. 21-8931

CADD-PRIZM® VIP AMBULATORY INFUSION SYSTEM MODEL 6101 WITH AIR DETECTOR

Pump, air detector, rechargeable power pack, AC adapter, 3-liter backpack, 250-/500-ml pump pouch (waist version), 50-/100-ml pump pouch, pump key, operator's manual, patient information guide, 9-volt battery

REORDER NO. 21-8846

CADD-PRIZM® VIP AMBULATORY INFUSION HOSPITAL PUMP MODEL 6101

Pump, remote dose cord, polemount bracket, 50-/100-ml pump pouch, pump key, operator's manual, patient information guide, 9-volt battery

REORDER NO. 21-8946

CADD-PRIZM® VIP AMBULATORY INFUSION HOSPITAL SYSTEM MODEL 6101 WITH AIR DETECTOR

Pump, air detector, remote dose cord, polemount bracket, 50-/100-ml pump pouch, pump key, operator's manual, patient information guide, 9-volt battery

TPN Delivery Mode



RESERVOIR VOLUME

10.0 - 9990 ml or Not In Use; programmable in 1 ml increments, displayed in 0.1 ml increments

INFUSION VOLUME

10 - 9990 ml in 10 ml increments

INFUSION PERIOD

0 hrs 10-min - 99 hrs 50 min in 10-minute increments

TAPER-UP PERIOD

0 hrs 0 min - 99 hrs 40 min in 10-minute increments

TAPER-DOWN PERIOD

0 hrs 0 min - 99 hrs 40 min in 10-minute increments

PLATEAU RATE

Calculated by pump; 10 - 350 ml/hr

KVO RATE

Calculated by pump: 1/10 of Plateau Rate up to 5 ml/hr

GIVEN

0 - 99999 in 0.1 ml increments

To order call
(800) 426-2448

Software Features

CONTINUOUS

- Programming in ml/hr with flow rates up to 350 ml/hr.

PCA

- Doses given and attempted on the same screen.
- Dosing history reports.
- Dosing information available since time and date last cleared.

TPN

- Designed for easy one-step process to reset infusion profile.
- Programmable immediate taper down.
- Lower keep-vein-open rate for small-volume infusions.
- Indicates volume and time left in infusion.

INTERMITTENT

- Flow rates up to 350 ml/hr.
- Dose volume up to 1000 ml.
- Delay start from 10 minutes to 4 days.
- Real-time clock designed to keep dosing on schedule.
- View time and date for next dose start time.

NEW Telecommunications

With the CADD-DIPLOMAT® PC Communications System via direct connection or modem clinicians can:

- Program the pump.
- Troubleshoot.
- View and download pump and patient data.
- Meet quality and outcomes data documentation requirements.



Deltec Offers the Best Training and Support in the Industry

- 24-hour, toll-free technical and clinical phone support
- Reference materials and instructional videos
- In-servicing support

Deltec's commitment to innovation, quality and unconditional support has made our CADD® pumps the most asked for, most often used and most dependable infusion pumps in the industry.

Deltec

Deltec, Inc. 1265 Grey Fox Road St. Paul, MN 55112 U.S.A.

Phone (800) 426-2448
or visit our web site at **www.deltec.com**

CADD, CADD-Prizm, CADD-Prizm design logo, Medication Cassette Reservoir design and CADD-DIPLOMAT are Deltec, Inc. trademarks.
DURACELL® is a registered trademark of DURACELL, INC.
ULTRALIFE® is a registered trademark of ULTRALIFE Batteries, Inc.
CADD pumps are covered by U.S. Patent Numbers: 4,559,038; 4,565,542; 4,650,469; 5,181,910; 5,338,157; 5,364,242; 5,368,562; other patents pending.
©2001 Deltec, Inc. All rights reserved. Printed in U.S.A. 12/01 19860

smiths

Smiths Medical – a part of Smiths Group plc



CONTINUOUS



PCA



INTERMITTENT



TPN



BIOMED TOOLBOX



COMMUNICATIONS