

Quick Start Guide

Legato™ 200 Series Syringe Pumps

Getting Started

Power the Pump:

Plug power cord and turn switch to "on".

CAUTION: REFER TO SAFETY INFORMATION AND SETTING UP THE KDS Legato 200 Series BEFORE PLUGGING IN THE PUMP.

1. On bottom of pump, remove battery insulator tab



Battery Insulator Tab

2. Set Date and Time

Configuration 10/30/09 02:02:42 AM

MODE	Infuse Only
SYRINGE	KDS Glass 10.00ml
RATES	I : 36.003 ml/min
TARGET	Volume 5 ml

SETUP
DELAY
🔍
▶

Press to enter setup mode

Set-up 08/24/09 9:17:18 AM

Date/Time	
Audible Alarms	Pump Info
Force 100%	Baud Rate 115200
Display Brightness 100%	Pump Address 0
Touchpad Lock Enable	Resume Run After Pwr Loss

BACK
ENTR

Press Date/Time

Set Date and Time 07/23/09 8:42:56 AM

Date	07/23/09	mm/dd/yy
Time	08:42:50	AM

7	8	9
4	5	6
1	2	3
/	0	✉

BACK
ENTR

Enter Date & Time

3. Activate Alarms

Press Audible Alarms

Set-up 08/24/09 9:17:18 AM

Date/Time	
Audible Alarms	Pump Info
Force 100%	Baud Rate 115200
Display Brightness 100%	Pump Address 0
Touchpad Lock Enable	Resume Run After Pwr Loss

BACK
ENTR

Select Alarms, an "X" will be indicated.

Audible Alarms 08/24/09 9:18:41 AM

<input checked="" type="checkbox"/> End of Run	Power Up
<input type="checkbox"/> Stall	Keypad Clicks
<input checked="" type="checkbox"/> Calibration Reminder	
<input type="checkbox"/> Near End of Run	0%
Mute All	

BACK
ENTR

4. Set Force Level

Set-up 08/24/09 9:17:18 AM

Date/Time	
Audible Alarms	Pump Info
Force 100%	Baud Rate 115200
Display Brightness 100%	Pump Address 0
Touchpad Lock Enable	Resume Run After Pwr Loss

BACK
ENTR

Press Force

Set Force Level 07/21/09 11:27:59 AM

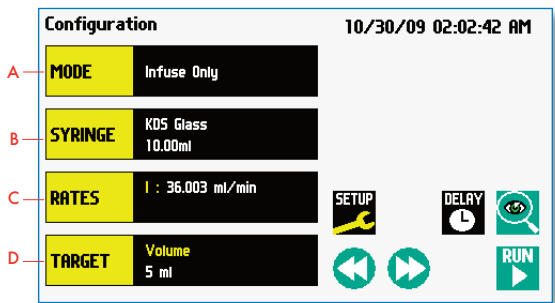
<input type="radio"/> 100%	<input type="radio"/> 50%
<input type="radio"/> 90%	<input type="radio"/> 40%
<input type="radio"/> 80%	<input type="radio"/> 30%
<input type="radio"/> 70%	<input type="radio"/> 20%
<input type="radio"/> 60%	Other Value

BACK
ENTR

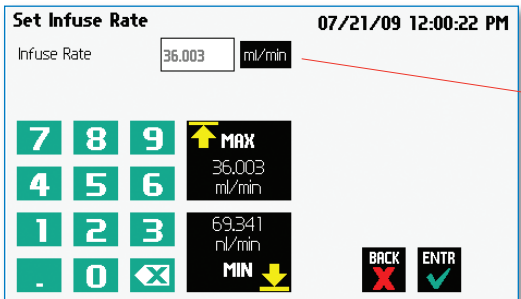
Press here to enter custom force %

IMPORTANT: When using glass syringes force must be set at 50% or lower in order to avoid breakage.

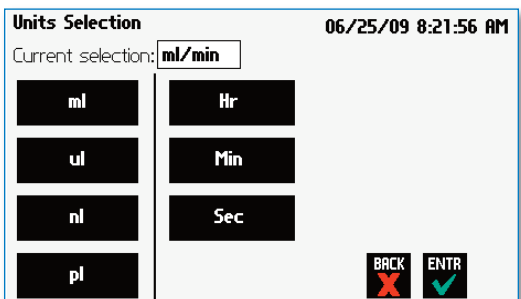
5. Configure the Pump



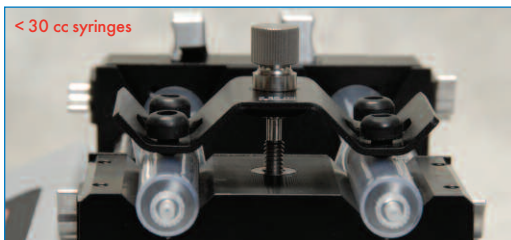
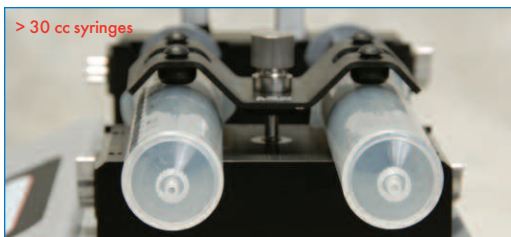
Select Mode (A) to select application.
Select Syringe (B) to select your syringe.



Select Rates (C) to set infuse rate, units and min/max volumes.



Select target (D) to set Volume or Time.



Syringe clamp position for small vs. large syringes.



NOTE: See complete user's manual for detailed instructions & additional information.

LEGATO 200 SERIES TOUCHSCREEN BUTTON REFERENCE

The following buttons are part of the KDS Legato 200 Series software:



Settings: Access the settings menu used to adjust the following parameters: Date and Time, Audible Alarms, Pusher Block Force, Display Brightness, RS-232 Communications, etc.



Fast Forward: Advances the Pusher Block in the forward (infuse) direction (press & hold).



Fast Reverse: Advances the Pusher Block in the reverse (withdraw) direction (press & hold).



Accept: Used to accept the parameters/settings on a screen and return to previous screen in the menu.



Cancel: Used to cancel any changes/entries on a screen and return to the previous screen in the menu.



Set Delay Parameters: Used to set the date and time values for delayed operation. This permits the pump to start automatically at a preset date and time.



Set Delay Parameters: Indicates the Delay Timer has been set. The pump will start automatically on the day/time selected.



Run Preview: Access the Run Preview screen that shows a summary operating parameters.



Run/Resume: Used to Run or Resume a Program.



Re-Run: Clears counters/timers (except the Total Infused Volume counter) and runs the selected program from the beginning.



Stop: Used to stop running a Program.



Reset: Resets all counters/timers.



Minimum Value Allowed: Used to select minimum value allowed.



Maximum Value Allowed: Used to select maximum value allowed.



Configure: Used to set up the program.



Back: Used to call the Mode and Programs menu.



Page Down: Used to page down in a display list.



Page Up: Used to page up in a display list.



Line Up: Used to scroll up in a display list.



Line Down: Used to scroll down in a display list.



Insert Step: Used to insert a new Step in a Program while editing/creating the Program. The new Step is inserted after the Step that is currently selected.



Delete Step: Used to delete the selected Step in a Program while editing/creating the Program. To confirm deletion, you must select the Delete Step button a second time.



Move Step Up: Moves the currently selected Step in a Program up one position in the Program Order (e.g. Step 3 becomes Step 2).



Move Step Down: Moves the currently selected Step in a Program down one position in the Program Order (e.g. Step 2 becomes Step 3).



Copy Step: Creates a duplicate (copy) of the currently selected Step in a Program and inserts it as the last Step in the Program being created/edited.



Password Protection Off: Indicates that the pump is currently unlocked. Pressing the button twice locks the Touchpad.



Password Protection On: Indicates that the pump is currently locked. Press the button and enter the password to unlock the Touchpad.



File Options: Access the File Options menu that is used to manage the list of Programs and to export Program information to an externally linked pump or to a connected computer.