

GLOBALFIA
ZONE FLUIDICS

global
os

Single Pump
USER MANUAL
1.0.1

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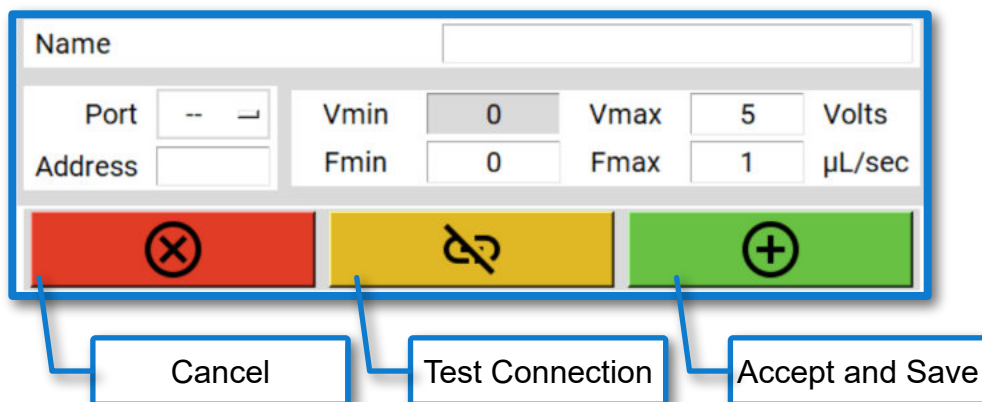
TABLE OF CONTENTS

Table of Contents	3
DriverS	4
Single Pump	4

DRIVERS

The Single Pump Application requires the milliGAT Driver for operation. Several parameters are required When instantiating the Driver into a device. *Name*, *Port*, and *Address* are straightforward.

Vmin, *Vmax*, *Fmin*, and *Fmax* are parameters associated with the milliGAT Driver's Analog Control functionality. *Vmin* and *Vmax* denote the analog voltage minimum and maximum range for which control is desired. *Fmin* and *Fmax* denote the flow rates corresponding to the minimum and maximum voltage.

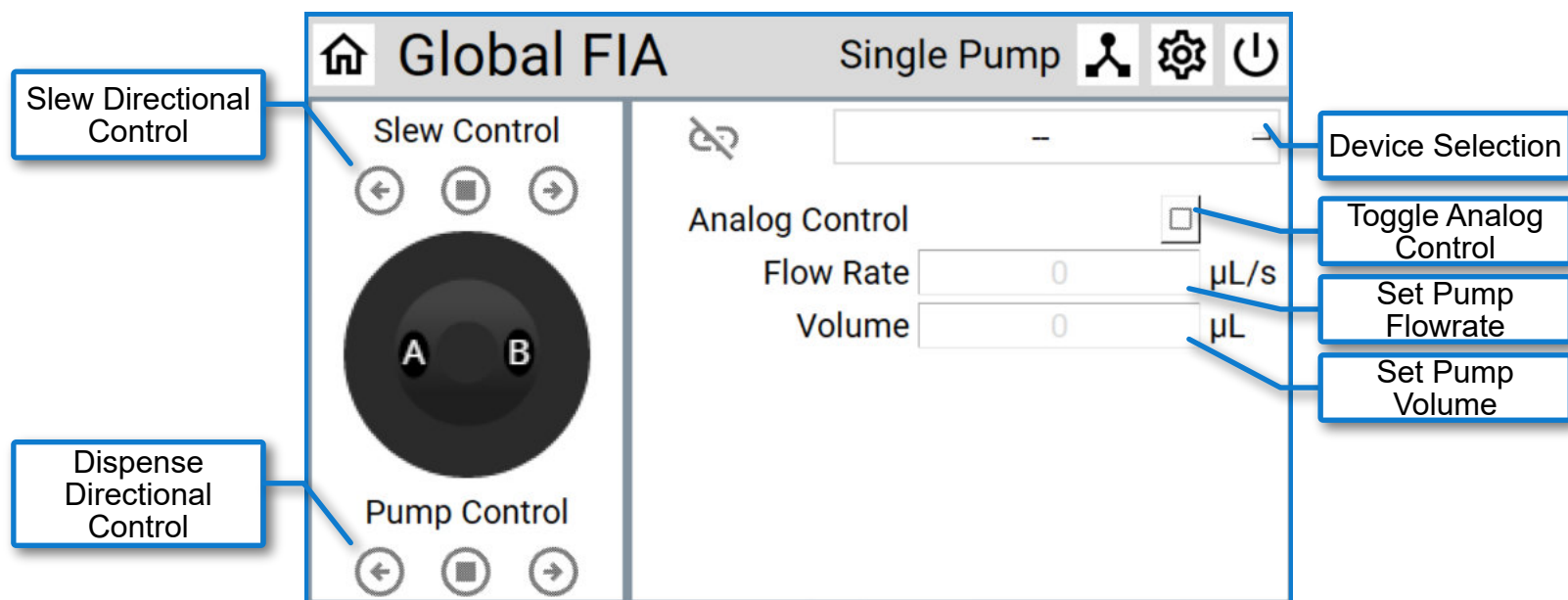


A configuration dialog box for the milliGAT Driver. It contains fields for Name, Port, Address, Vmin, Vmax, Fmin, and Fmax. Vmin is set to 0, Vmax to 5 Volts, Fmin to 0, and Fmax to 1 µL/sec. At the bottom are three buttons: a red 'Cancel' button with a close icon, a yellow 'Test Connection' button with a test icon, and a green 'Accept and Save' button with a plus icon.

Name	Port	Vmin	Vmax	Volts	Fmin	Fmax	µL/sec
	-- --	0	5		0	1	

Buttons: Cancel, Test Connection, Accept and Save

SINGLE PUMP



The Single Pump application interface. The top bar shows 'Global FIA' and 'Single Pump' with icons for home, user, settings, and power. The left panel has 'Slew Control' with directional buttons and a 'Pump Control' section with a large circular dial labeled 'A' and 'B'. The right panel has a 'Device Selection' dropdown, a 'Toggle Analog Control' checkbox, and input fields for 'Flow Rate' (0 µL/s) and 'Volume' (0 µL). Callouts identify various controls: Slew Directional Control, Dispense Directional Control, Device Selection, Toggle Analog Control, Set Pump Flowrate, and Set Pump Volume.

Global FIA Single Pump

Slew Control

Device Selection

Toggle Analog Control

Set Pump Flowrate

Set Pump Volume

Flow Rate 0 µL/s

Volume 0 µL

Pump Control