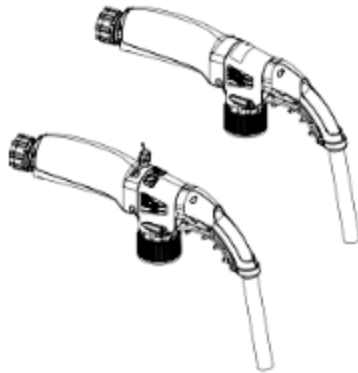


# DEMA SafeLink One

Portable Dispensing Unit



## Overview

---

The Safe Link One (SL1) dispenser system is designed to make cleaning easier, more effective and safer. Combining the proven Safe Link closed loop technology with application versatility you have the next generation in dispensing systems in front of you.

## Warnings

---



All installations must conform to local plumbing codes and use approved backflow prevention devices. A pressure indicating tee is to be installed with existing faucets according to local plumbing codes in the state of Wisconsin and any other state that requires the use of a pressure indicating tee.



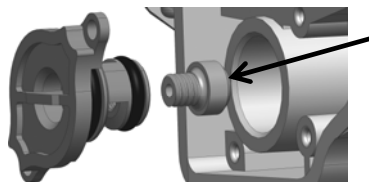
**ALWAYS WEAR PROTECTIVE CLOTHING AND EYEWEAR WHEN WORKING WITH CHEMICAL PRODUCTS.**

## Set-Up and Installation

---

### Metering Tip Installation:

Metering tips are designed to meter your chemicals at a desired dilution ratio. Please refer to the Metering Tip guide (table below)



The metering tip is inserted into the meter tip housing, shown here.

Single or Dual	Single	Dual		Single	Dual		Single	Dual	
Model No. (Selector position (dual): L or R)	SL1S.1 SL1SGAP.1	SL1D.1, 3, 4 (L) SL1DGAP.1, 3, 4 (L)		SL1S.2 SL1SGAP.2	SL1D.2 (L&R) SL1DGAP.2 (L&R) SL1DS.2 & 4 (R) SL1DS.1 & 3 (L&R)		SL1S.3 SL1SGAP.3 SL1SS.1 SL1SS.2	SL1D.1, 3, 4 (R) SL1DGAP.1, 3, 4 (R)	
Flow Rate	Low (1 GPM)			Med (2.8 GPM)			High (4 GPM)		
Tip Color	Ratio : 1	OZ/GAL	ml/L	Ratio : 1	OZ/GAL	ml/L	Ratio : 1	OZ/GAL	ml/L
Tan	157	0.82	6.41	269	0.48	3.75	296	0.43	3.36
Orange	95	1.35	10.55	187	0.69	5.39	245	0.52	4.06
Turquoise	84	1.53	11.95	158	0.81	6.33	242	0.53	4.14
Pink	48	2.66	20.78	106	1.20	9.37	160	0.80	6.25
Light Blue	38	3.35	26.17	85	1.50	11.72	128	1.00	7.81
Brown	33	3.88	30.31	88	1.45	11.33	118	1.09	8.52
Red	28	4.50	35.15	68	1.87	14.61	95	1.35	10.55
White	24	5.25	41.01	58	2.21	17.26	82	1.56	12.19
Green	21	6.14	47.97	54	2.37	18.51	74	1.73	13.51
Blue	16	8.02	62.65	41	3.14	24.53	57	2.25	17.58
Yellow	11	11.76	91.87	27	4.79	37.42	38	3.41	26.64
Black	9	14.11	110.23	21	6.04	47.18	28	4.59	35.86
Purple	5	26.37	206.00	12	10.91	85.23	17	7.75	60.54
Gray	4.5	28.27	220.85	10	12.56	98.12	14	9.21	71.95

1. Remove the center housing cover by removing the two Phillips head screws as shown.
2. Remove screws from the metering compartment and carefully pry metering tip holder off the SL1 unit. There are two metering tip holders. For dual fill units, both left and right metering tip holders are used. For single fill units **only the right metering tip holder** is used. Remove one or both as applicable.
3. Take the identified metering tip and thread it into the metering tip holder.
4. Replace the metering tip holder back into the SL1 unit. Align the metering tip holder with the screw holes. Insert screws and tighten back into unit.



**IMPORTANT, SINGLE FILL UNITS ONLY:** Insert/change out the right metering tip only. The right side is correctly identified as the water supply swivel facing you, shown here.

Basic Operation:

Operating the SL One is fundamentally the same regardless of your model. Follow these instructions to understand how to use the unit.

Operational Pressure Range (psi): 20-90\*

Operational Temperature Range (°F): 40-120\*

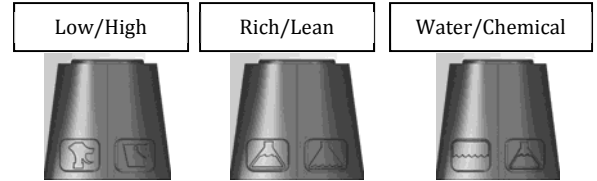
*\*Operational ranges are for SafeLink One. Additional accessories may require different specifications.*

1. Connect SL1 to your chemical container. The unit is specifically designed to work with SafeLink closed loop system inserts. Do not connect the unit to a container without a SafeLink insert as the unit will not perform as intended.

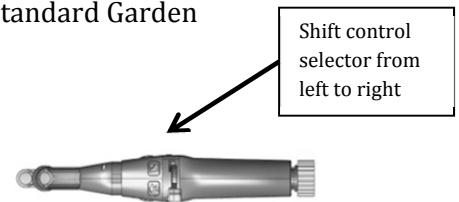
2. Connect SL1 to a water line. The unit is equipped with a standard water supply thread connection. Turn on water supply.
3. Squeeze handle trigger to dispense ready to use solution. For extended use, you can engage the red lock ring on the back of the unit by rotating it 'up' into the lock position.
4. To stop using the unit, rotate the red lock ring 'down' (if applied) and release the trigger. Chemical mixture will run out of the unit for a brief moment after trigger release.
5. **Disconnect water from source when not in use.**

FOR Dual Fill & Dilution models:

The SL One is designed to fit multiple requirements. Of those, are options to multiple dilution levels and fill rates.

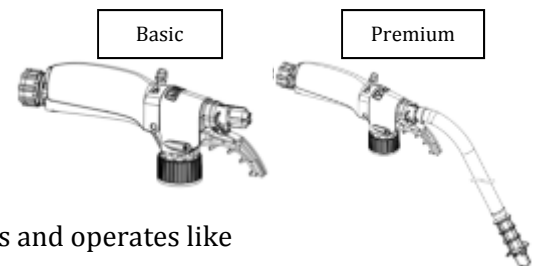


1. Connect SL One to your chemical container. The SL One is specifically designed to work with Safe Link closed loop system inserts. Do not connect the SL One to a container without a SafeLink insert as the unit will not perform as intended.
2. Connect SL One to a water line. The SL One is equipped with a standard Garden Hose Thread (3/4" GHT). Turn on water supply.
3. Depending on your model, choose either your desired flow or dilution level by moving the control selector to either the left or right of the unit. The control selector defaults to the left. If the lever is moved to the right hand selection, hold the lever in place until the trigger is squeezed. Squeezing the trigger, thus engaging the unit, will also hold this lever in place. Once the trigger is released (stopping the flow), the lever returns to the default (left) position. For extended use, you can engage the red lock ring on the back of the unit by rotating it 'up' into the lock position.
4. To stop using the unit, disengage the red lock ring 'down' (if applied) and release the trigger. Chemical mixture will run out of the unit for a brief moment after trigger release.
5. **Disconnect water from source when not in use.**



Changing Fill or Spray Connectors:

There are three connectors for the SafeLink One, standard bottle/bucket fill tube; basic spray nozzle and premium spray applicator. Changing connections for the SL One is designed to be quick and simple. Each tube, nozzle or applicator connects and operates like the others and does not require any tools.



1. While you do not have to shut off the water source or disconnect your chemicals when changing out the connectors it is **IMPORTANT** that the trigger is not engaged (squeezed) when switching connectors.
2. To remove the current connector, hold the quick connect tab down with your forefinger and thumb while gently applying pressure with the palm of your hand to the front of the applicator in a downward action, thus releasing the applicator from the unit.
3. To connect a different connector, align the applicator to the front of the SL1 unit. Slide the applicator up until it's crossed the quick connect tab and is firmly against the SL1 unit. You will feel a "click" which identifies the new connector is firmly in place.

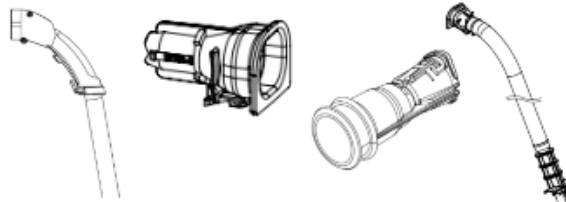
## Parts List

PART NO.	DESCRIPTION
Proportioner Cover	
52-18-1	Bottle/Bucket Fill
52-18-2	Rich/Lean Chemical
52-18-3	Rinse/Chemical
52-18-4	No Icons (not shown)
Outlet Assembly	
52-33-1	Bottle/Bucket Fill Assembly
52-33-6	Premium Sprayer Assembly
52-33-9	Basic Sprayer Assembly
52-34-1	Universal Foamer Attachment
Additional Parts	
52-19-1	Metering Tip Cap
52-19-2	Metering Tip Plug (no tip, not shown)
44-2-1	Screw #2 x ¼" LG
100-15K	Metering Tip Kit (not shown)
100-15KU	Ultra Lean Metering Tip Kit (not shown)

Proportioner Cover



Outlet Assembly



Metering Tip Cap



## Warranty

### Merchandise Returns

***No merchandise will be returned for credit without DEMA'S written permission. Returned merchandise authorization number is required in advance of return.***

### Product Warranty

DEMA products are warranted against defective material and workmanship under normal use and service for one year from the date of manufacture. This limited warranty does not apply to any products that have a normal life shorter than one year or failure and damage caused by chemicals, corrosion, physical abuse, or misapplication. Rubber and synthetic rubber parts such as "O"-rings, diaphragms, PVC tubing, and gaskets are considered expendable and are not covered under warranty. This warranty is extended only to the original buyer of DEMA products. If products are altered or repaired without prior approval of DEMA, this warranty is void.

Defective units or parts should be returned to the factory with transportation prepaid. If inspection shows them to be defective, they will be repaired or replaced without charge, F.O.B. factory. DEMA assumes no liability for damages. Return merchandise authorization number must be granted in advance of returned units for repair or replacement (See "Merchandise Returns" above).