



**Systems for Spray Tendering,
Mixing Chemical Batches
& Blending Fertilizer**

Technology for Mixing Chemical & Blending Liquid Fertilizer



Mobile/Tender Trailer Systems



Stationary/Plant Systems



CHEM-BLADE
ES ENCLOSED SYSTEM

Key Benefits to Your Operation

Sprayer Efficiency

When your sprayer is setting at the field edge filling it is covering Zero Acres/Hours. Minimizing fill time is critical to cover more acres per day.

Accuracy

Mass Meter flow measurement technology, the most accurate available, combined with automated batch calculations ensure you get the correct amount of each chemical in every batch.

Eliminate Chemical Exposure

It's that simple, QuickDraw and ChemBladeES eliminate chemical exposure. Keep yourself and your employees safe!

Labor Utilization

It's critical that every batch is mixed correctly. QuickDraw is tool that enables your employees to get it right every time.

Record Keeping

QuickDraw records a record of every batch loaded. Date, time, grower, farm, field, machine, operator, as well as measured totals of each product in the batch are recorded.

QuickDraw Cloud

Sort and Report Records
Receive notification of batch loaded
Create Work Orders
Split Batches Between Fields



Customer Testimonials

Steve Arnold
Kansas



"Over the years of adopting new precision technology there are lots of things I've regretted every minute I've owned them, but not the SureFire QuickDraw. It's been worth every penny we invested in it. Speed, record keeping, and not being exposed to chemicals all-day, every-day are what make it worth the money for me."

Aaron Thompson
Illinois



"With our old system we had to get on the trailer. The operator was wore out by the end of the day. With QuickDraw, he hooks up and presses the start button and 7 or 8 minutes later he is headed back to the field."

Kyle Stackhouse
Indiana



"Several people have asked how we're getting along with the QuickDraw. I tell them it is probably our best investment (yes, investment—it was not cheap) since we bought a tile plow in 2011."

4 Product



6 Product



9 Product



Models

3 - 1" Port Valves, 1 - 1 1/2" Port Valve

5 - 1" Port Valves, 1 - 1 1/2" Port Valves
3 - 1" Port Valves, 3 - 1 1/2" Port Valves

6 - 1" Port Valves, 3 - 1 1/2" Port Valves

Available in 2 Configurations

Venturi Suction – Transfer pump is located on the QuickDraw inlet. It pushes water across a venturi to create suction which draws chemical products through the mass meter and into the batch.

Pump Suction – Transfer pump is located on the QuickDraw outlet. Suction from the pump is utilized to draw chemical products through the mass meter and into the batch

QuickDraw Max

is a fully automated spray tender system. Start by creating a recipe – the applied application rates/acre for each chemical in the batch. Recipes are saved and used every time you load that mix of chemicals. Enter the application rate/acre being sprayed and the size of load needed, in total gallons or total acres to spray. QuickDraw calculates the correct amount of each chemical in the batch. Press start, QuickDraw automatically measures and loads each chemical as well as the correct amount of carrier and stops the pump when the batch is complete.

Mass Flow Meter Technology

Requires no calibration. The mass meter measures mass flow rate, density and liquid volume flow. As a result it is able to measure any liquid with extreme accuracy, regardless of physical properties, specifically density, viscosity, or conductivity.



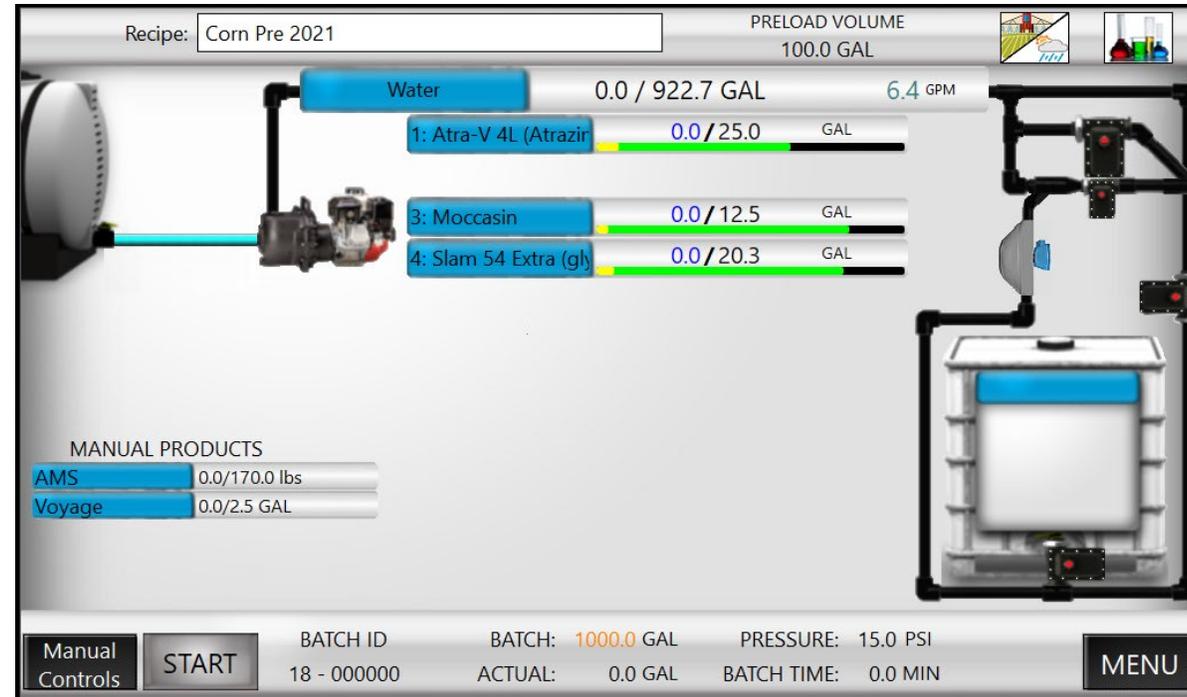
SureFireAg.com

Run Screen

When batch setup is complete, utilize the run screen to start the batch, monitor batch progress, and enter manually measured products when added.

- Run Screen
 - When
 - Tank Level Indicators
 - Manual Products Listed

QuickDraw Max Features



- Inventory Management



Batch Setup & Calculation

- Job Screen

- Recipe

- Products
 - Applied Rates/Acre
 - Default Batch Size, Application Rate & Preload Volume

- Automated Batch Calculations

- 4 Calculation Modes

Recipe: Corn Pre 2021 Total Acres: 100.0 App Rate: 10.0 GPA

Calculation Mode: Volume & App Rate Volume: 1,000.0 GAL PreLoad Vol: 100.0 GAL

| Name | Rate | Order | Prod Volume | Total | Inv. | Prod Rinse |
|------------------------------|-----------------|-------|-------------|-----------|------|-----------------------|
| Carrier: Water | 9.2 GPA | | | 922.7 GAL | | 3 Sec |
| Tote1: Atra-V 4L (Atrazine) | 32.00 fl. Oz/Ac | 2 | 25.0 GAL | 25.0 GAL | | Final Rinse 10 Sec |
| Tote2: NO PRODUCT | 0.00 GAL/Ac | 0 | 0.0 GAL | 0.0 GAL | | |
| Tote3: Moccasin | 16.00 fl. Oz/Ac | 3 | 12.5 GAL | 12.5 GAL | | |
| Tote4: Slam 54 Extra (glyph) | 26.00 fl. Oz/Ac | 4 | 20.3 GAL | 20.3 GAL | | |
| Tote5: NO PRODUCT | 0.00 GAL/Ac | 0 | 0.0 GAL | 0.0 GAL | | |
| Tote6: NO PRODUCT | 0.00 GAL/Ac | 0 | 0.0 GAL | 0.0 GAL | | |
| Man. Prod1: AMS | 17.00 lbs/100 | 1 | 170.0 lbs | 17.0 GAL | | |
| Man. Prod2: Voyage | 1.00 Qt/100 | 5 | 2.5 GAL | 2.5 GAL | | |
| Man. Prod3: NO PRODUCT | 0.00 GAL/Ac | 0 | 0.0 GAL | 0.0 GAL | | |
| Man. Prod4: NO PRODUCT | 0.00 GAL/Ac | 0 | 0.0 GAL | 0.0 GAL | | |
| Man. Prod5: NO PRODUCT | 0.00 GAL/Ac | 0 | 0.0 GAL | 0.0 GAL | | |

Buttons: SAVE, DUPLICATE, NEW, SELECT RECIPE

Field/Weather, EDIT, RUN, MENU

PRODUCT HOSE RINSE DISABLED

Recipe: Corn Pre 2021 Total Acres: 100.0 App Rate: 10.0 GPA

Calculation Mode: Area & App Rate Volume: 1,000.0 GAL PreLoad Vol: 100.0 GAL

| Name | Area & App Rate | Order | Prod Volume | Total | Inv. | Prod Rinse |
|------------------------------|---------------------|-------|-------------|-----------|------|-----------------------|
| Carrier: Water | Area & Carrier Rate | | | 922.7 GAL | | 3 Sec |
| Tote1: Atra-V 4L (Atrazine) | 32.00 fl. Oz/Ac | 2 | 25.0 GAL | 25.0 GAL | | Final Rinse 10 Sec |
| Tote2: NO PRODUCT | 0.00 GAL/Ac | 0 | 0.0 GAL | 0.0 GAL | | |
| Tote3: Moccasin | 16.00 fl. Oz/Ac | 3 | 12.5 GAL | 12.5 GAL | | |
| Tote4: Slam 54 Extra (glyph) | 26.00 fl. Oz/Ac | 4 | 20.3 GAL | 20.3 GAL | | |
| Tote5: NO PRODUCT | 0.00 GAL/Ac | 0 | 0.0 GAL | 0.0 GAL | | |
| Tote6: NO PRODUCT | 0.00 GAL/Ac | 0 | 0.0 GAL | 0.0 GAL | | |
| Man. Prod1: AMS | 17.00 lbs/100 | 1 | 170.0 lbs | 17.0 GAL | | |
| Man. Prod2: Voyage | 1.00 Qt/100 | 5 | 2.5 GAL | 2.5 GAL | | |
| Man. Prod3: NO PRODUCT | 0.00 GAL/Ac | 0 | 0.0 GAL | 0.0 GAL | | |
| Man. Prod4: NO PRODUCT | 0.00 GAL/Ac | 0 | 0.0 GAL | 0.0 GAL | | |
| Man. Prod5: NO PRODUCT | 0.00 GAL/Ac | 0 | 0.0 GAL | 0.0 GAL | | |

Buttons: SAVE, DUPLICATE, NEW, SELECT RECIPE

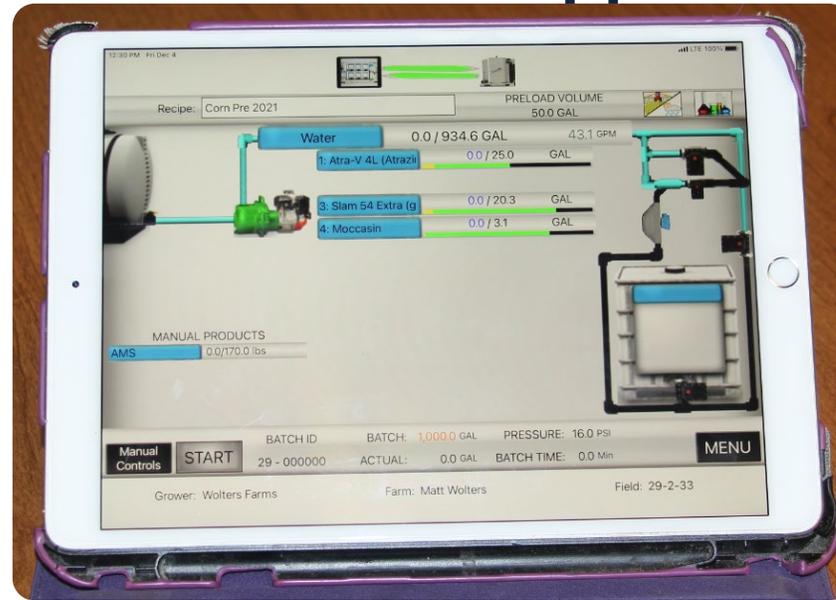
Field/Weather, EDIT, RUN, MENU

PRODUCT HOSE RINSE DISABLED



QuickDraw 3000 iPad App

- Remote Operation Terminal
 - Control all Batching Functions
 - Monitor Batch Progress
 - Execute Hose and Tote Rinse Remotely
 - Manual Operate Any Valve
- Create Recipes and Enter Record Keeping Inputs Offline
 - Wirelessly transmit to QuickDraw Controller



Hose and Tote Rinse Cycle

- Product Hose Rinse Cycle

- Rinse Hose from Tote to QuickDraw
- Accurately Utilizes Chemical in Hose as Part of Target Amount

| Length Units | | Diameter Units | | | | | |
|--------------|----------------------------|----------------|-----|--------------------|-------------------------------------|-------------------|------------|
| Feet | | Inches | | Hose Length (Feet) | Hose Diameter (Inches) | Hose Volume (GAL) | Rinse Hose |
| Tote1: | Atra-V 4L (Atrazine) | 11.5 | 2.0 | 1.87 | <input checked="" type="checkbox"/> | | |
| Tote2: | NO PRODUCT | 0.0 | 0.0 | 0.00 | <input type="checkbox"/> | | |
| Tote3: | Moccasin | 14.5 | 1.5 | 1.33 | <input checked="" type="checkbox"/> | | |
| Tote4: | Slam 54 Extra (glyphosate) | 0.0 | 0.0 | 0.00 | <input type="checkbox"/> | | |
| Tote5: | NO PRODUCT | 0.0 | 0.0 | 0.00 | <input type="checkbox"/> | | |
| Tote6: | NO PRODUCT | 0.0 | 0.0 | 0.00 | <input type="checkbox"/> | | |

Enter the Hose Length and Diameter for each product. Click on the Rinse Hose button(s) to have the hose volume subtracted from what is batched, so it can be added during rinsing.

- Mid-Batch Tote Rinse with BulkBlaster



Product Hose Rinse

NOTE: OPENING VALVES WILL PULL PRODUCT INTO THE BATCH. ENSURE YOU OPEN THE CORRECT VALVE. FOR THE FULL INSTRUCTION SET, CLICK ON THE HELP BUTTON.

| Product | Valve | Set Point | Actual | Rinse Volume |
|----------------------------|---------|-----------|----------|--------------|
| Atra-V 4L (Atrazine) | Valve 1 | 12.5 GAL | 12.5 GAL | 17.7 GAL |
| Slam 54 Extra (glyphosate) | Valve 4 | 10.2 GAL | 10.2 GAL | 0.0 GAL |
| NO PRODUCT | Valve 2 | 0.0 GAL | 0.0 GAL | 0.0 GAL |
| NO PRODUCT | Valve 5 | 0.0 GAL | 0.0 GAL | 0.0 GAL |
| Moccasin | Valve 3 | 6.3 GAL | 6.2 GAL | 0.0 GAL |
| NO PRODUCT | Valve 6 | 0.0 GAL | 0.0 GAL | 0.0 GAL |

Batch: 500.0 GAL Actual: 254.2 GAL

Arrow

Tote 1

1. Connect the rinse hose to the Product Hose Rinse port on the side of the QuickDraw. Connect the other end to the top of the Tote that is to be rinsed. Ensure that the Product Hose Rinse valve is open.
2. Click the Rinse button to begin rinsing the tote. This will force carrier through the rinse hose and into the tote. This carrier will be removed through the product hose. Once the tote has been sufficiently rinsed, turn off the Product Hose Rinse valve on the side of the QuickDraw. (Note: Suction will continue to be created by the product hose. Ensure the tote is properly vented.)
3. When the tote and product hose have been emptied, click the finished button. This will return the controller to normal operation (in the PAUSED state) and allow you to continue the batch normally.

Rinse Volume: 0.0 GAL

Batch: 1,000.0 GAL Actual: 188.8 GAL

Record Logged of Every Batch Mixed

FIELD AND WEATHER SETTINGS

| | |
|--|--|
| Grower: <input type="text" value="Wolters Farms"/> | Field: <input type="text" value="29-2-33"/> |
| Farm: <input type="text" value="Matt Wolters"/> | Recipe: <input type="text" value="29-1-33 Airport Corn Fertilizer"/> |
| Operator: <input type="text" value="William Johnson"/> | Machine: <input type="text" value="John Deere 4930"/> |
| Crop: <input type="text" value="Corn"/> | Pest: <input type="text" value="Winter Seeded Annuals"/> |

Temperature: °F

Wind Dir/Speed: MPH

Boom Height: Inches

Importing Fields from John Deere Operations Center?
JOB
RUN
MENU

Batch ID: 004-04/17/20
Grower: Matt Wolters
Farm: Matt Wolters
Field: 29-2-33
Operator: Matt Wolters
Machine: Pull behind sprayer

Recipe: Corn pre-plant
Date/Time: 04-17-2020 18:07
Wind/Temp: 8.0MPH W 8.0 F
Status: Completed
Total: 998.8
Acres: 100.0

| Product (EPA ID) | Rate | Total |
|---|------------------|-----------|
| -Water () | | 916.7 GAL |
| Atra-V 4L (atrazine) (89167-38-89391) | 32.00 OZ/Acre | 25.3 GAL |
| Tomahawk 5 (glyphosate 5.4 lb/gal) (33270-15) | 26.00 OZ/Acre | 20.2 GAL |
| T-Rex (dicamba) (87895-5-80967) | 16.00 OZ/Acre | 12.4 GAL |
| AMS () | 17.00 lbs/100 | 156.0 lbs |
| Undercover (mesotrione) (89168-54) | 3.00 OZ/Acre | 300.0 OZ |
| Varsity (flumioxazin) (89167-45-89391) | 2.00 OZ/Acre dry | 200.0 OZ |
| Venturi () | 2.00 Quarts/100 | 640.0 OZ |



Automated Start of Honda iGX Engine

- On “Batch Start” QuickDraw Provides Start Signal
- iGX Engine has Automated Choke
- Start Batch and Engine from iPad App
- Two Speed Electronic Throttle (Controller with Toggle Switch Installed in QuickDraw)



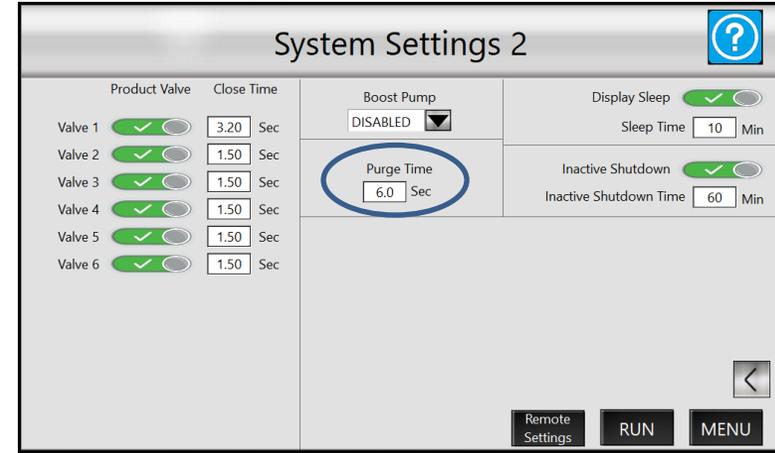
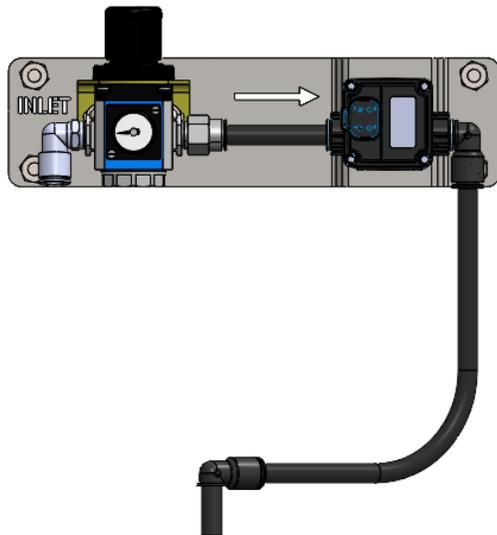
System Settings 1 ?

| | | |
|--|--|--|
| Hide History Full Alarm <input checked="" type="checkbox"/> | Default lbs/Gal 10.0 | Manual Product Valve Select 2 Inch Venturi-Default |
| Grower/Farm/Field Tree <input checked="" type="checkbox"/> | Units English | Kill Pump During Pause <input checked="" type="checkbox"/> |
| Shuttle Inventory Alarms <input checked="" type="checkbox"/> | Pump Start Mode Momentary Start-Default | |
| Carrier Inventory Alarms <input checked="" type="checkbox"/> | Pump Start Time 2.5 Sec | |
| Battery Voltage: 12.11 Volts | | |
| Date Format Month/Day/Year | | |
| Time 6 : 31 : 25 AM | Date 11 / 24 / 2020 | |

Time Zone Remote Settings RUN MENU

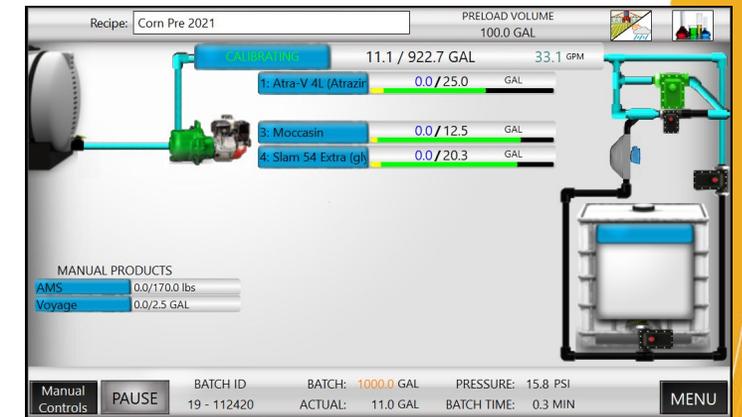
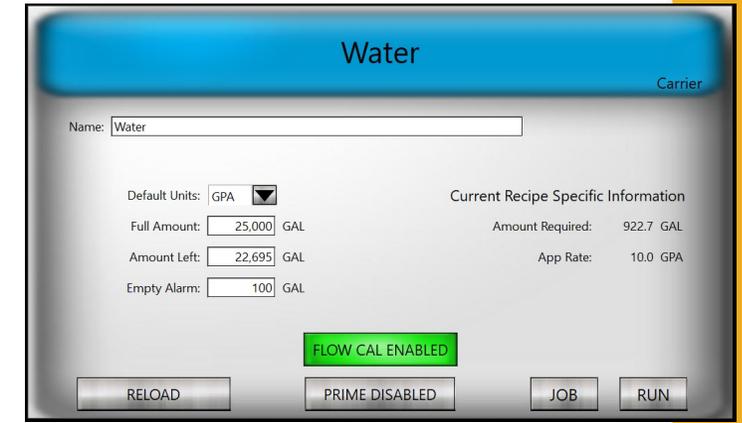
Automated Air Purge

- Install Air Purge Kit & Connect to Air Source
- Valve opens for set amount of time.



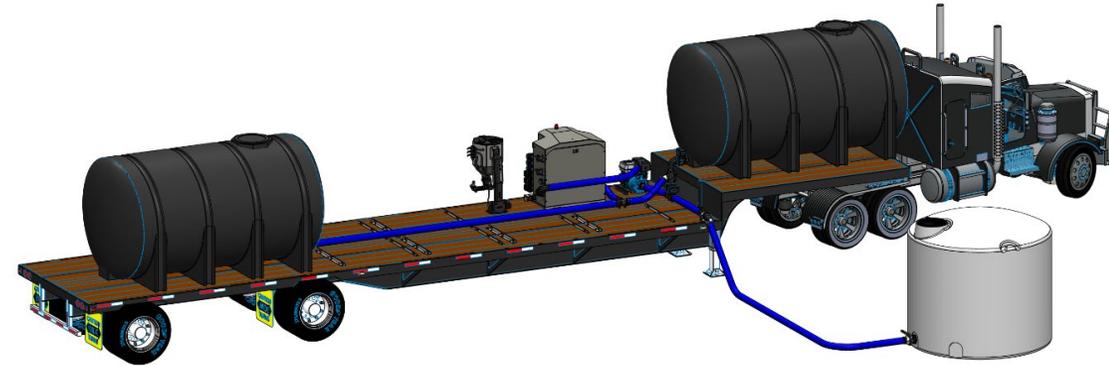
Carrier Flow Meter Auto Calibration Process

- Cycles Carrier Through Carrier Meter (3" Mag Meter) and Mass Meter. Utilizes Mass Meter Flow Reading to Set Calibration Value for Carrier Flow Meter.



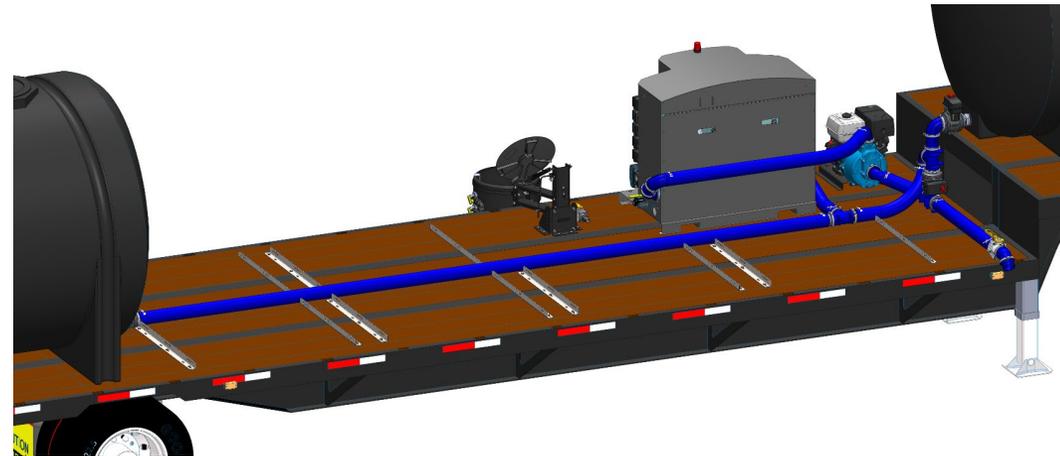
Carrier Refill

- Utilize QuickDraw to Measure and Fill Trailer Tanks from Ground Source Tank
- Treat water with AMS or Water Conditioner While Filling Trailed



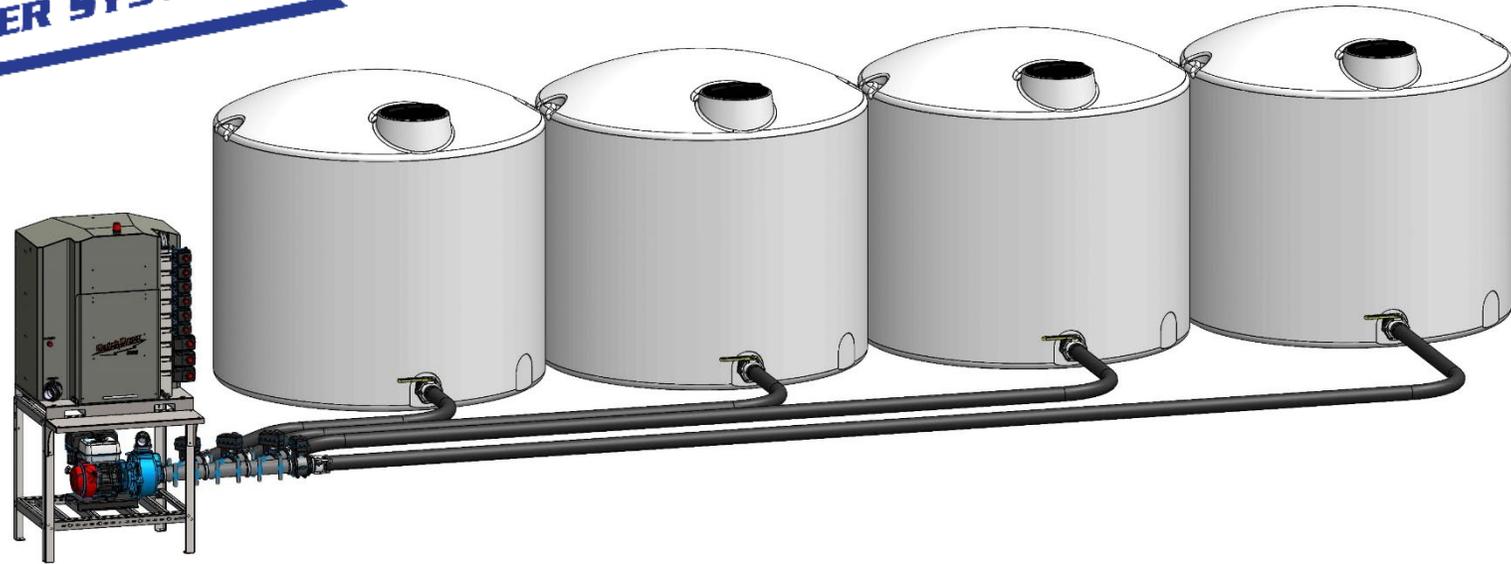
Tender Trailer Carrier Refill:

Plumbing kits so that QuickDraw (using trailer transfer pump) can pull from ground storage tank and fill the set into tank(s) on the trailer. Carrier Refill can be combined with Carrier Blending by upgrade electric valves to blending control (CAN) valves.





Carrier Blending

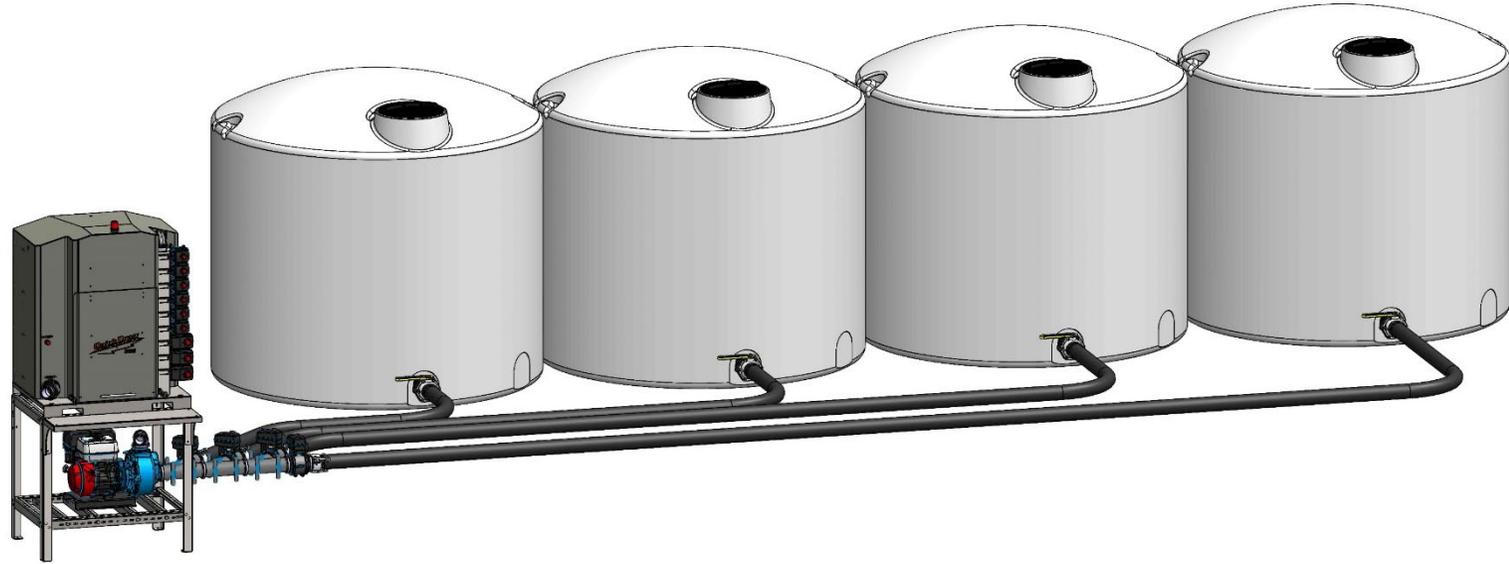


Carrier Blending:

QuickDraw (Based on Recipe) mixes the desired amount of up to 4 different carrier products. This could be multiple carrier products and chemical/micronutrients or only carrier in the case of mixing fertilizer blends.

Carrier Blending

- 4 High Volume Products



- 4, 6 or 9 Low Volume Products

- Up to four 3" or 4" Carrier Blending Valves are connected to QuickDraw Model with 4, 6 or 9 low volume blending valves.

Stationary Plant or Mobile Trailer



Field Use Example

Use QuickDraw spray tender trailer to blend fertilizer applied with planter. Have bulk semi-loads of fertilizer delivered direct to farm. Use totes of micro nutrients, biologicals and other treatments. Create recipes for each field based on soil test and agronomic goals. Eliminate the logistical challenges of getting the correct blend for each field from your retail fertilizer supplier.



Blend Setup & Operation

Application Rate

App Rate GPA
 Volume GAL

CARRIER SETUP

Carrier Calc Mode: App Rate
 PreLoad Vol: GAL

| Name | Load Order | Rate | Inv. | Use as Preload |
|-----------------------------|--------------------------------|---|-------------------------------------|-------------------------------------|
| Carrier 1: 32% UAN | <input type="text" value="4"/> | <input type="text" value="12.00"/> GAL/Ac | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Carrier 2: 10-34-0 | <input type="text" value="3"/> | <input type="text" value="4.00"/> GAL/Ac | <input type="checkbox"/> | <input type="checkbox"/> |
| Carrier 3: ATS | <input type="text" value="2"/> | <input type="text" value="2.00"/> GAL/Ac | <input type="checkbox"/> | <input type="checkbox"/> |
| Carrier 4: Zinc 10% Chelate | <input type="text" value="1"/> | <input type="text" value="0.50"/> GAL/Ac | <input type="checkbox"/> | <input type="checkbox"/> |

Carrier in Recipe: 18.50 GAL/Ac
 Carrier Still Needed: 0.00 GAL/Ac

Volumes

App Rate GPA
 Volume GAL

CARRIER SETUP

Carrier Calc Mode: Volume
 PreLoad Vol: GAL

| Name | Load Order | Rate | Inv. | Use as Preload |
|-----------------------------|--------------------------------|--|-------------------------------------|-------------------------------------|
| Carrier 1: 32% UAN | <input type="text" value="4"/> | <input type="text" value="648.6"/> GAL | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Carrier 2: 10-34-0 | <input type="text" value="3"/> | <input type="text" value="216.2"/> GAL | <input type="checkbox"/> | <input type="checkbox"/> |
| Carrier 3: ATS | <input type="text" value="2"/> | <input type="text" value="108.1"/> GAL | <input type="checkbox"/> | <input type="checkbox"/> |
| Carrier 4: Zinc 10% Chelate | <input type="text" value="1"/> | <input type="text" value="27.1"/> GAL | <input type="checkbox"/> | <input type="checkbox"/> |

Carrier in Recipe: 1000.0 GAL
 Carrier Still Needed: 0.0 GAL

Run Screen

Recipe: 29-1-33 Airport Corn Fertilizer
 PRELOAD VOLUME: 25.0 GAL

32% UAN: 0.0/648.6 GAL
 10-34-0: 0.0/216.2 GAL
 ATS: 0.0/108.1 GAL
 Zinc 10% Chelate: 0.0/27.1 GAL

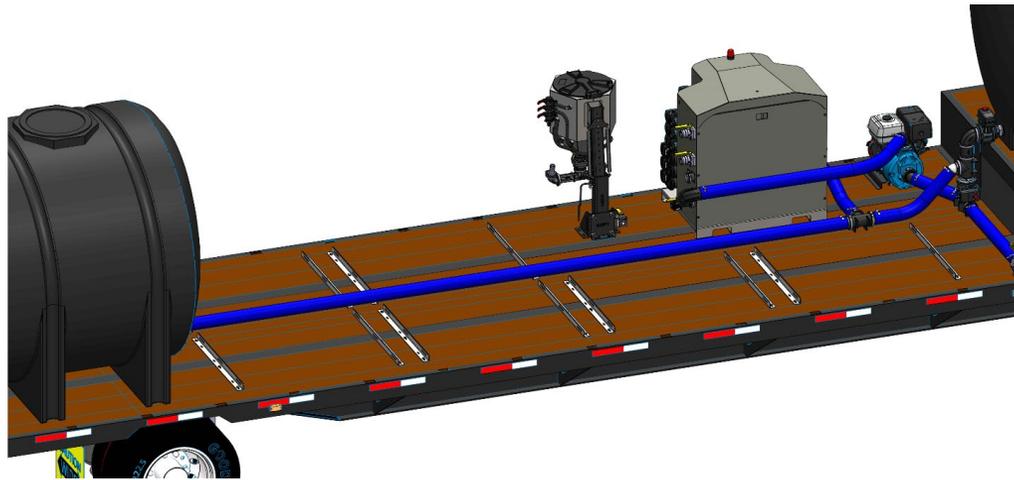
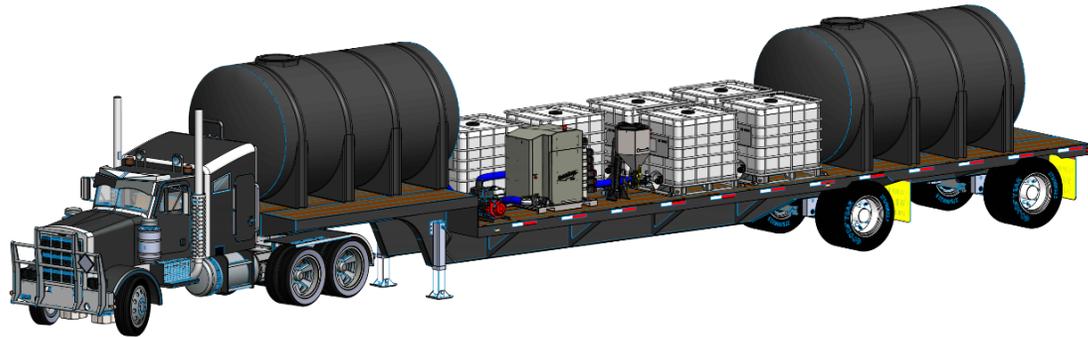
MULTIPLE: 0.0 / 1,000.0 GAL 46.7 GPM

Manual Controls BATCH ID: 27 - 000000 BATCH: 1000.0 GAL PRESSURE: 15.7 PSI
 ACTUAL: 0.0 GAL BATCH TIME: 0.0 MIN

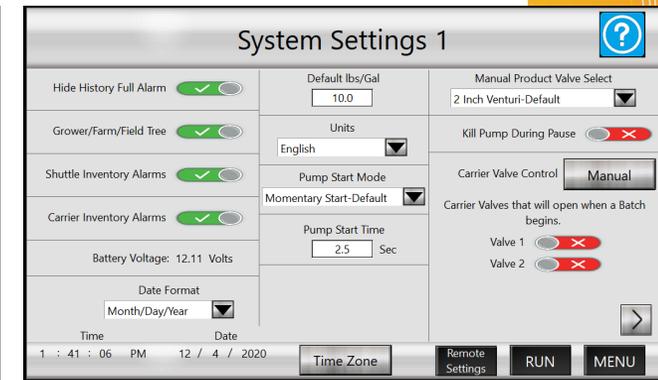
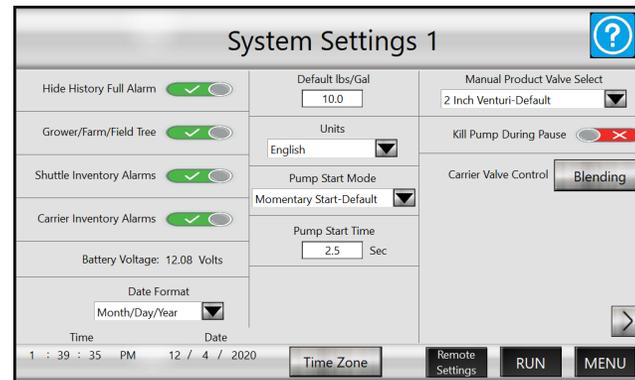
Carrier Blending on a Mobile Trailer

Set to 'Blending', when controlling valves with recipe specifying specific volumes to be pulled from each tank.

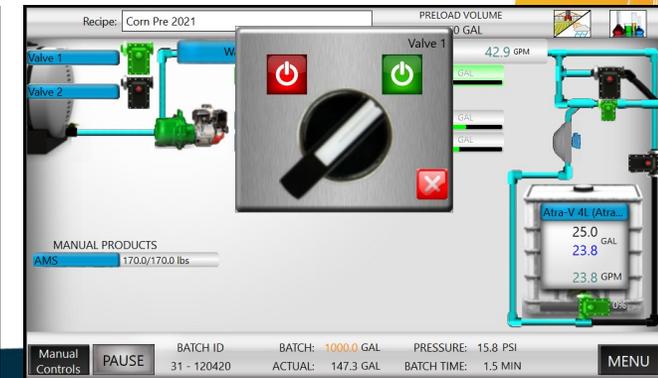
Set to 'Manual' when using the same carrier product in both tanks. In this mode the user manual controls (via valve icons on QuickDraw run screen) carrier valves during the batch.



Setup



Operation



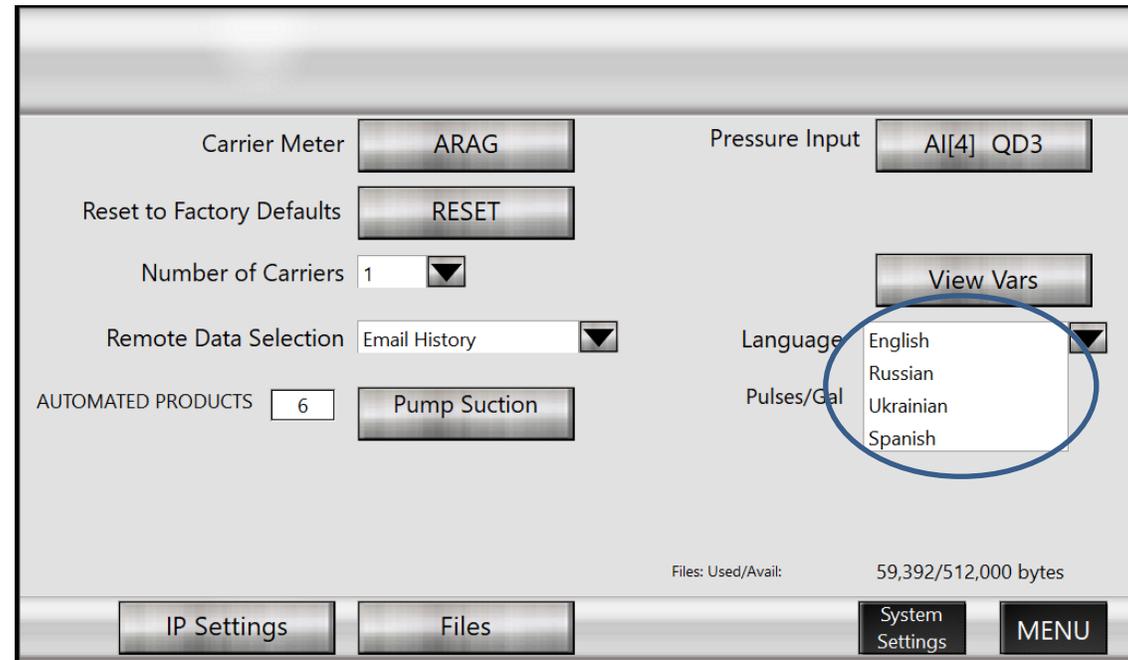
Multiple Languages

– 3 Languages Currently Available

- Spanish
- Ukrainian
- Russian

– In Development

- Portuguese



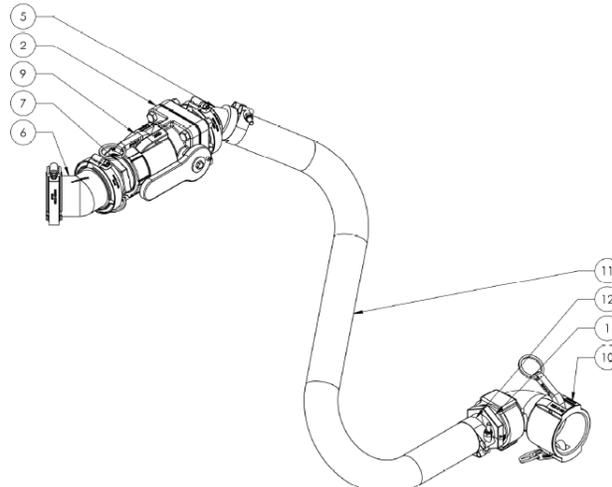
Connection Kits

— Plumbing kits from QuickDraw product control valves to chemical totes



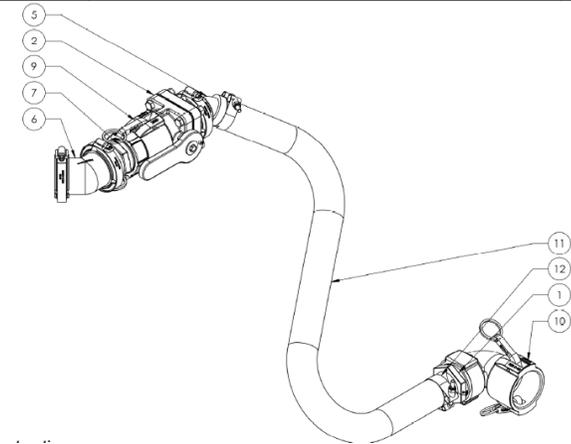
**Parts List and Exploded View
606-01-400325 (1-1/2" Hose)**

| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|-----------------|--|------|
| 1 | 101-200150 | 2" MPT x 1-1/2" HB | 1 |
| 2 | 102-200VSCFCF | 200 Series Manifold x 2" Male Quick Coupler Standard Port Poly Valve | 1 |
| 3 | 105-150G-H | 1-1/2" EPDM Manifold Gasket for 200 Series Manifold fittings | 4 |
| 4 | 105-200150BRB | 2" Manifold x 1-1/2" HB | 1 |
| 5 | 105-200150BRB45 | 2" Manifold x 1-1/2" HB - 45 Degree | 1 |
| 6 | 105-200CPG45 | 2" Manifold Coupling - 45 Degree | 1 |
| 7 | 105-200MPT | 2" Manifold x 2" MPT | 1 |
| 8 | 105-FC200 | 2" Manifold Clamp | 4 |
| 9 | 106-200D | 2" Female Coupler x 2" FPT | 1 |
| 10 | 106-200D90 | 2" Female Coupler x 2" FPT - 90 Degree | 1 |
| 11 | 280-150-ENF | 1-1/2" Enforcer Fertilizer Solution Hose | 15ft |
| 12 | 350-TC181 | Pressure Seal HD Clamp, Size 238 | 2 |



**Parts List and Exploded View
606-01-400350 (2" Hose)**

| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|---------------|--|------|
| 1 | 101-200200 | 2" MPT x 2" HB | 1 |
| 2 | 102-200VSCFCF | 200 Series Manifold x 2" Male Quick Coupler Standard Port Poly Valve | 1 |
| 3 | 105-150G-H | 1-1/2" EPDM Manifold Gasket for 200 Series Manifold fittings | 4 |
| 4 | 105-200BRB | 2" Manifold x 2" HB | 1 |
| 5 | 105-200BRB45 | 2" Manifold x 2" HB - 45 Degree | 1 |
| 6 | 105-200CPG45 | 2" Manifold Coupling - 45 Degree | 1 |
| 7 | 105-200MPT | 2" Manifold x 2" MPT | 1 |
| 8 | 105-FC200 | 2" Manifold Clamp | 4 |
| 9 | 106-200D | 2" Female Coupler x 2" FPT | 1 |
| 10 | 106-200D90 | 2" Female Coupler x 2" FPT - 90 Degree | 1 |
| 11 | 280-200-ENF | 2" Enforcer Fertilizer Solution Hose | 15ft |
| 12 | 350-TC231 | Pressure Seal HD Clamp, Size 288 (fits 2" Enforcer and Wire Braided) | 2 |



QuickDraw Accessories

- **Stainless Steel Eductors**
 - With or without ChemBlade Original
 - Auxiliary Jug Rinse

Swing Down



Stand Mount



With 3" Bypass for use without QuickDraw
Without 3" Bypass for use with QuickDraw



QuickDraw Accessories

- ChemCaddy
 - Swing Down Linkage for trailer mounted
 - Stand Mounted



QuickDraw Accessories

- BulkBlaster
 - Complete Tote Rinse



QuickDraw Accessories

- **Engine/Pump Harness**
 - Pump Start for iGX Honda Engines
 - Engine Harness is Installed at SureFire
 - 605-04-200150 – QuickDraw Harness
 - Uses 12-pin Extensions from QD to Pump
 - Kit for GX Honda Engines (& other Engines)
 - 606-04-200100
 - Pump Stop
 - Electric Starter Power Supply
 - Push Button Start





QuickDraw Lite

provides mass flow or oval gear meter measurement of chemicals with refined features and operation. QuickDraw Lite is a manual or semi-automated spray tender system. In semi-automated operation enter the desired chemical amount, press start. In manual operation open a product valve, watch the display until the desired chemical amount has been measured into the sprayer and close the product valve. When the set point is reached, the product automatically closes.

| Models | Meter | | Configuration | | Option |
|-----------------------------|------------|------------|---------------|--------------|--------------------|
| | Gear Meter | Mass Meter | Venturi | Pump Suction | Carrier Flow Meter |
| 6 Manual Valves | X | X | X | X | X |
| 3 Automatic/3 Manual Valves | X | X | X | X | X |
| 6 Automatic Valves | X | X | X | X | X |

Mass Flow or Oval Gear Meter Chemical Measurement





ChemBlade Enclosed System (ES)

Empties and rinses chemical jugs with zero exposure to the operator.

1. Load Full Jug
2. Press Button
3. 15 Seconds later remove clean jug

The concept is simple, but the result is profound. Using traditional methods for opening, dumping and rinsing it is IMPOSSIBLE to not splatter chemical and rinsate. With ChemBlade ES, you put a full jug in and 15 seconds later the lid opens and you remove an empty fully cleaned jug – inside and out!

ChemBlade ES can be used as a stand alone mixing system or integrated with QuickDraw Max or Lite.



CHEM-BLADE[®]

ES ENCLOSED SYSTEM



CHEM-BLADE[®]
ORIGINAL



Basic Spray Tender Systems



CHEM-BLADE[®]
PLUS

