



WATER-POWERED CHEMICAL DISPENSERS FOR



Food Safety & Sanitation



DOSATRON®

An Ingersoll Rand Business

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Photo: Innovative Cleaning Equipment, Inc.

www.dosatronusa.com

Here's How It Works

Dosatron chemical dispensers compensate for flow and pressure changes providing consistent, repeatable results and because they are water-powered there is no need for electricity.

They are the perfect, chemical dispenser for hygiene and sanitation applications. Dosatrons are simple to use and easy to adjust, allowing for flexible dosage rates. They are easy to maintain, saving you time and effort!

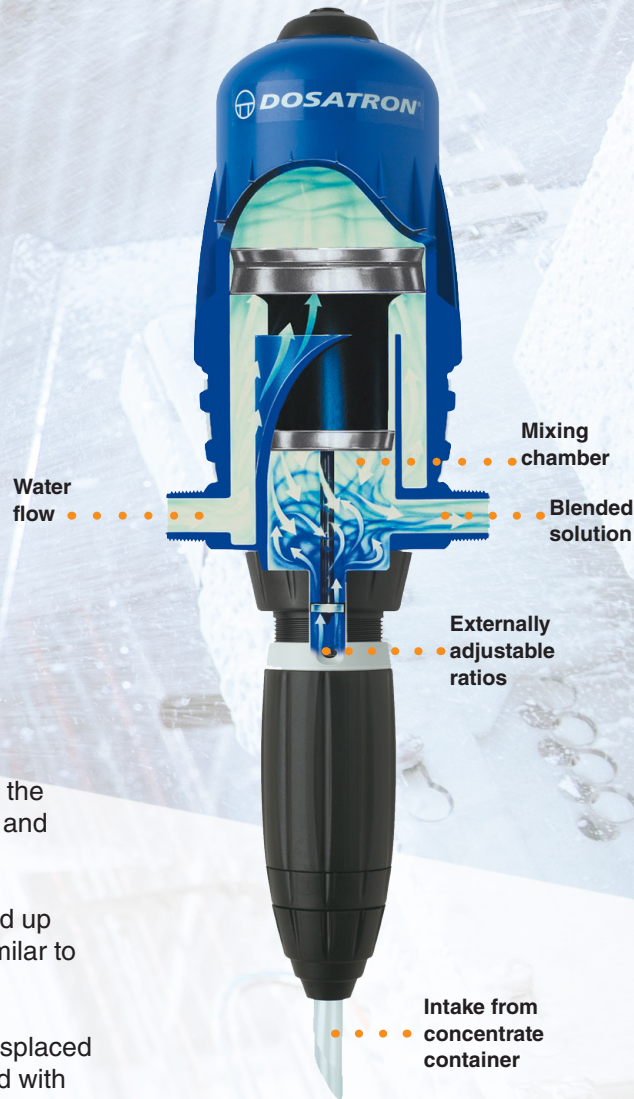
Applications:

- Foam cleaning
- Equipment and surface sanitizing
- Food contact intervention
 - Spray bars
 - Dump tanks
 - Soak tanks/sinks
- Entryway foamers
- Conveyor/chain lubricants
- Beer line cleaning/brewery
- Floor scrubbing

Mixing the water-and-chemical mixture is as easy as 1, 2, 3!

- 1** When water enters the injector, it triggers the hydraulic motor, which begins moving up and down inside the body of the injector.
- 2** On the up stroke, the Dosatron draws fluid up from the concentrate tank in an action similar to a hypodermic syringe.
- 3** On the down stroke, the concentrate is displaced into the mixing chamber, where it is mixed with the water flowing through the unit.

- Simple to use
- Easy to adjust allowing for flexible dosage rates
- Easy to maintain saving you time and effort



Scan the QR code to see how it works







Recommended Injectors


For food and beverage plants, packing houses, and other processing facilities that must meet stringent sanitation standards, reliable chemical dispensing is a must. That's why Dosatron is the perfect solution for all your sanitation needs.

Dosatron's volumetric proportioning dosing method automatically compensates for changes in water pressure or flow, producing a consistently-homogenous chemical mixture. This means that your chemical dilution rate stays the same regardless of pressure and flow changes, leading to a consistent clean you can count on.




And since Dosatron chemical dispensers are water-powered and easy to adjust, install, and maintain, they'll help your business save energy, chemicals, time and money.

| D14 SERIES CHEMICAL DISPENSERS |  |  |  |  |
|---|---|---|---|---|
| MODEL | D14MZ2 | D14MZ5 | D14MZ10 | D14MZ3000 |
| DILUTION RANGE | 1:500 - 1:50 | 1:200 - 1:20 | 1:100 - 1:10 | 1:3000 - 1:333 |
| FLOW RANGE | 0.05 - 14 GPM | 0.05 - 14 GPM | 0.05 - 14 GPM | 0.05 - 14 GPM |
| INJECTION PERCENTS | 0.2% - 2% | 0.5% - 5% | 1% - 10% | 0.03% - 0.3% |
| PRESSURE RANGE | 4.3 - 85 PSI | 4.3 - 85 PSI | 7 - 85 PSI | 4.3 - 85 PSI |
| CONNECTIONS | 3/4" NPT | 3/4" NPT | 3/4" NPT | 3/4" NPT |
| RECOMMENDED ACCESSORY KIT | IPK34 - 14 GPM | IPK34 - 14 GPM | IPK34 - 14 GPM | IPK34 - 14 GPM |

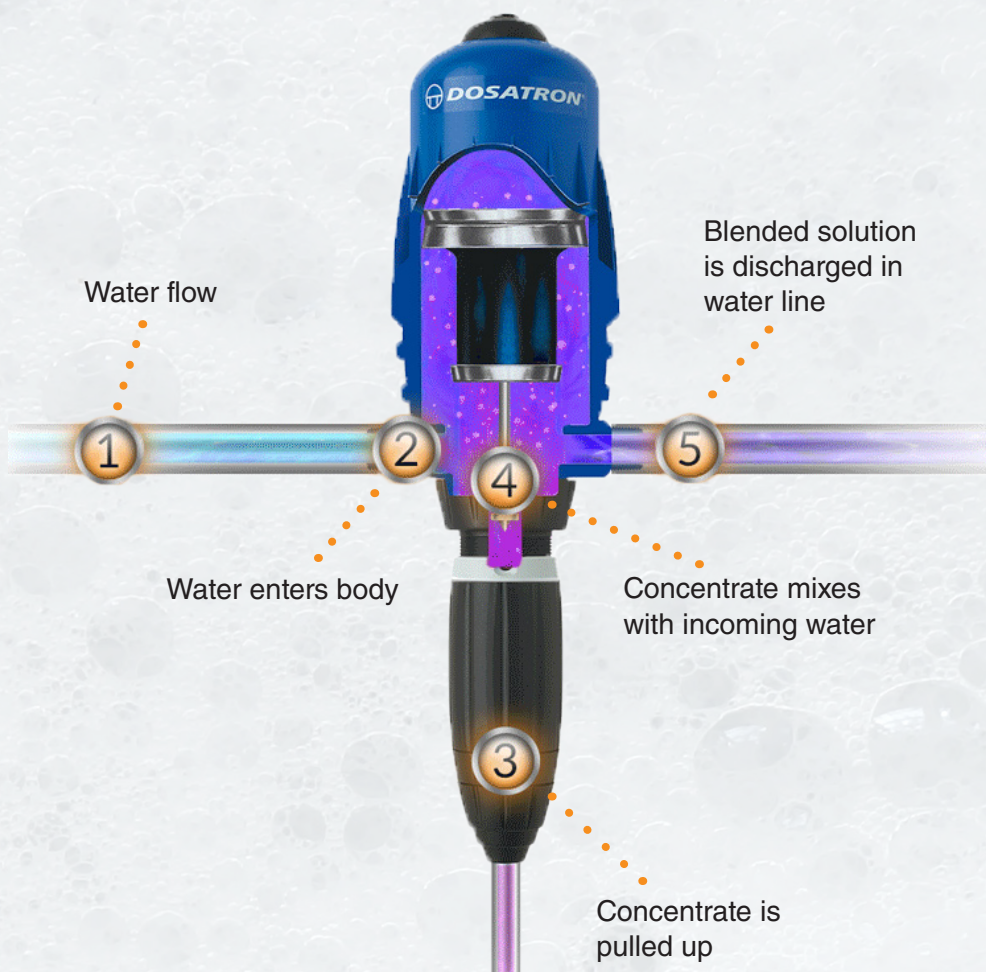
All units include: mounting bracket, suction hose, weighted stainer, and quick start guide. Maximum temperature: 104°F

|  HOT-WATER CHEMICAL DISPENSERS |  |  |  |
|--|---|---|---|
| MODEL | D14TMZ5 | D14TMZ10 | D14TMZ3000 |
| DILUTION RANGE | 1:200 - 1:20 | 1:100 - 1:10 | 1:3000 - 1:333 |
| PRESSURE RANGE | 4.3 - 85 PSI | 7 - 85 PSI | 4.3 - 85 PSI |
| TEMPERATURE | 158 °F (70 °C) | 158 °F (70 °C) | 158 °F (70 °C) |
| RECOMMENDED ACCESSORY KIT | IPK34-14GPM- WHA-HTEMP | IPK34-14GPM- WHA-HTEMP | IPK34-14GPM- WHA-HTEMP |

All units include: mounting bracket, suction hose, weighted stainer, and quick start guide. Maximum temperature: 158 °F (70 °C).

| D40 SERIES CHEMICAL DISPENSERS |  |  |  |
|--------------------------------------|---|---|---|
| MODEL | D40MZ2 | D40MZ5 | D40MZ3000 |
| DILUTION RANGE | 1:500 - 1:50 | 1:100 - 1:20 | 1:3000 - 1:500 |
| FLOW RANGE | 2.2 - 40 GPM | 2.2 - 40 GPM | 2.2 - 40 GPM |
| INJECTION PERCENTS | 0.2% - 2% | 1% - 5% | 0.03% - 0.2% |
| PRESSURE RANGE | 4.3 - 116 PSI | 7.2 - 116 PSI | 4.3 - 116 PSI |
| CONNECTIONS | 1 1/2" NPT | 1 1/2" NPT | 1 1/2" NPT |

All units include: mounting bracket, suction hose, weighted stainer, and quick start guide.
Maximum temperature: 104°F



1-800-523-8499 • 1-727-443-5404

Chemical Selection Chart

| PRODUCT | SUGGESTED DOSATRON MODEL | DILUTION RANGE |
|---------|--------------------------|----------------|
|---------|--------------------------|----------------|

CLEANERS

| | | |
|----------------------|-------------|----------|
| Caustic | D14MZ10AFII | 1 to 10% |
| Chlorinated Alkaline | D14MZ10AFII | 1 to 10% |
| Acid | D14MZ10VFII | 1 to 10% |

SANITIZERS

| | | |
|----------------------|---------------|-----------------|
| Sodium Hypochlorite | D14MZ3000AFII | 1:3000 to 1:333 |
| Peracetic Acid (PAA) | D14MZ2VFIK | 1:500 to 1:50 |
| | D14MZ3000VFIK | 1:3000 to 1:333 |
| Quat | D14MZ2VFII | 1:500 to 1:50 |
| Acidified Quat | D14MZ2VFII | 1:500 to 1:50 |
| Iodine | D14MZ2VFII | 1:500 to 1:50 |
| Chlorine Dioxide | D14MZ2VFII | 1:500 to 1:50 |
| Lactic Acid | D14MZ10AFII | 1 to 10% |

LINE LUBE

| | | |
|-----------|------------|---------------|
| Line Lube | D14MZ2VFII | 1:500 to 1:50 |
|-----------|------------|---------------|

The above Dosatron units are general suggestions based upon basic chemical compatibility standards. Prior to purchase, please contact Dosatron for verification of compatibility at **800-523-8499** or **CHAT at www.dosatronusa.com**.

Systems

Sanitation Chemical Dilution Systems

Panel Systems — Single Unit Sanitizer Panel System

Turn-key system with test port includes:

- Dosatron injector
- Filter
- Pressure regulator
- Poly panel, 24" x 17"



Part #: PS6A130

Four Unit Sanitation Chemical Panel System

Turn-key system, on a manifold, is perfect for multiple sanitizers and cleaners. Includes:

- Dosatron injectors
- Filter
- Pressure regulator
- Poly panel, 24" x 48"

Panel systems are also available in lockable, stainless steel cabinets for additional security.



Part #: Contact Dosatron for your specific part #



Call or CHAT for a
Custom Quote

800-523-8499
www.dosatronusa.com

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Systems

Beer Line Cleaning Sanitation Center

The Dosatron Beer Line Cleaning Sanitation Center provides optimum cleaning of your beer lines. It maintains installation cleanliness, improves beer quality, lower costs, and there is less beer waste.

The Dosatron Beer Line Cleaning Center Provides:

- Simplified installation and maintenance
- Precise and controlled proportioning, saving you product and reducing your servicing costs
- Time savings
- No more handling of chemical products
- Simplified dosing and rinsing cycles

Portable Beer Line Cleaning DosaCart

This portable, injection-molded cart holds up to 15-gallons of concentrate. No more need to hand carry heavy pails or jugs.



Part #: HS15-16

The DosaCart is:

- Perfect for beer, soda, and wine line cleaning service contractors
- Ideal for stadiums, casinos, and facilities with multiple coolers



Part #: HSPK58
(14 GPM)
Part #: HSPKD45
(20 GPM)

 For more information call:
800-523-8499

Note: Dosatron units sold separately.

Dosatron Sanitation Center Installation Diagram

Includes:

- Mini panel
- Dosatron D14MZ2 with built in bypass
- Filter
- Flow restrictor
- Check valve

Part #: PS8A018BLC

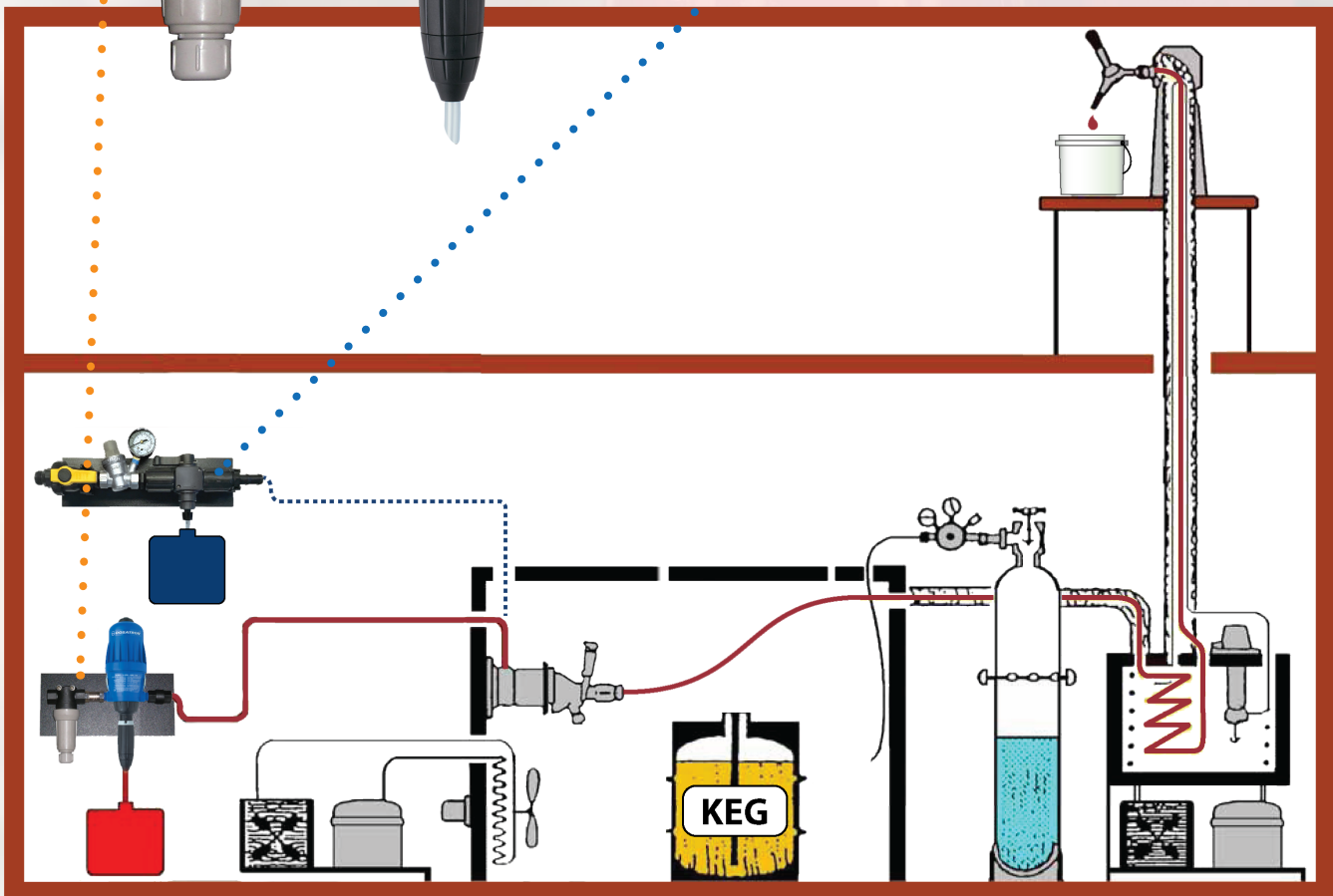


Dosatron Venturi Beer Line Cleaning Station

Includes:

- Space-saving
- Dosatron Venturi
- Water-powered
- Simplified rinsing and dosing cycles
- Max temp. 160°F

Part #: PS2A160



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Systems

Mobile Sanitation Chemical Solution

The combination of Dosatron's chemical injector, a Quick Hook-Up Kit, and our 5-gallon Li'l Bud-D cart make the perfect, portable system for sanitation applications.

This system is economical to operate, is designed specifically for your needs, and the on-demand dispensing eliminates waste.

Add a foamer to the Li'l Bud-D and it creates wet or clinging foam that increases chemical contact time and effectiveness.

Portable Foaming Solution



Part #: HS15-5
(Li'l Bud-D Cart, Dosatron Unit, Foaming Wand, and Quick Hook-Up Kit sold separately)

Quick Hook-Up Kit

Part #: HSPK58

Easy-to-Attach Foaming Wand

Part #: X400-113

Great for PAA

Part #: HS15-5
(Li'l Bud-D Cart, Dosatron Unit, and Quick Hook-Up Kit sold separately)



The Li'l Bud-D Cart Features:

- Polyethylene construction
- 5-gallon bucket with lid
- 10" no flat tires for maximum mobility
- Dimensions: 44.5" H, 19" W and 22" D

Systems

Installation Ready Pre-Plumbed Panels and Locking Cabinets

Enjoy the convenience of pre-plumbed, secured systems that include all the necessary accessories to simplify installation and maintenance.

Keep unauthorized personnel from disturbing your chemical management system.

You can choose our panel systems or our stainless steel locking cabinets.



Call or CHAT
for a quote

800-523-8499

www.dosatronusa.com



Part #: SC1A151



Part #: Contact Dosatron for your specific part #

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Accessories

Dosatron Industrial Plumbing Kit (IPK)

Make your installation easy with Dosatron's Pump Protection Kits. They are the suggested, all-in-one installation kit for hygiene and sanitation.

| Description | Part # |
|--------------------------------|---------------|
| 14 GPM IPK | IPK34-14GPM |
| 14 GPM IPK with Mixing Chamber | IPK34MC-14GPM |

Note: Dosatron units sold separately.



Hot-Water Dosatrons Industrial Plumbing Kit

Part #:
IPK34-14GPM-WHA-HTEMP

Note: Dosatron units sold separately.



Dosa-Lock

An easy-to-install lock out device that protects unauthorized access to your injector and fits most Dosatron units.

Benefits:

- Secures your setting
- Tamper resistant
- Controls chemical costs
- Made of high impact strength polypropylene
- Resistant to most chemicals

Part #: DOSA-LOCK



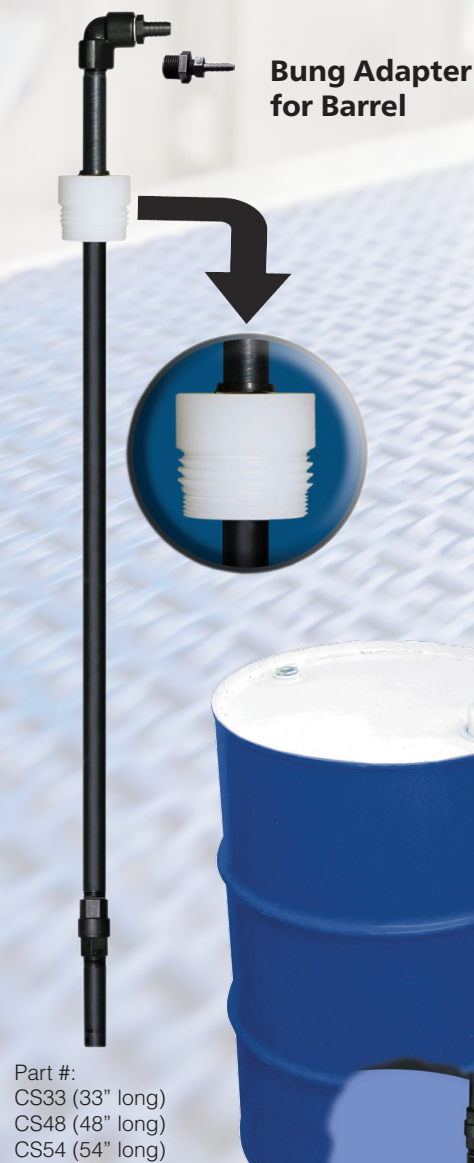
Accessories

ChemSticks

Designed to be used with either a barrel or tote and easily connects to existing pick-up tubes.

Features:

- Chemical and acid resistant
- Polypropylene construction with Viton seals
- Rigid pipe to overcome common problems with flexible tubing
- Stops debris from entering the chemical container with the bung adapter (barrel) or cover plate (tote)



Accessories


FOAM UP Foaming Wands

Our FOAM UP series of wands will expand your chemical and reduce over-application by providing visual assurance of coverage. Foam increases contact, saves time, and is more effective.

The foaming wands are pump fed using the Dosatron and **do not require compressed air**.



FOAM UP

| Wand | Part # | Description |
|--|----------|--|
|  | X400-113 | Airless Foam Wand - This wand has a stainless steel ball valve, is pump fed, 6.3 GPM at 40 PSI, and no compressed air is required. |

Connect



1-800-523-8499

Give us a call and we will be glad to answer any of your questions or take your order.



CHAT

It's easy to CHAT at www.dosatronusa.com. Just enter your question and we will be glad to assist.

For Technical Advice Contact Our Food Safety and Sanitation Specialists



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