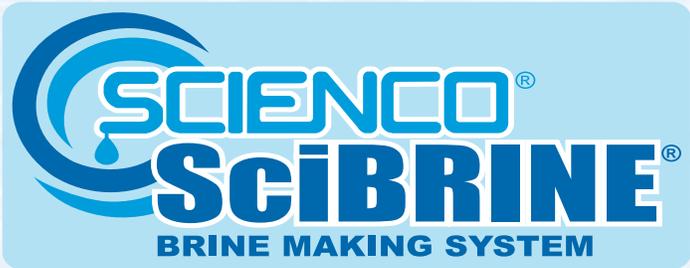


SCIENCO/FAST[®]

a subsidiary of BioMicrobics, Inc.



Compact, integrated design 

Compatible with many salt types 

Consistent on-demand production 



**SIMPLE • SAFE • EFFECTIVE • ECONOMICAL
WATER TREATMENT SOLUTIONS**

BETTER WATER. BETTER WORLD.[®]

www.SciencoFAST.com

SIMPLE • LOW



Scienco® SciCHLOR® is an onsite Sodium Hypochlorite (NaOCl) Generator equipped with SciCELL®, a patented electrolytic cell. The SciCHLOR unit is designed for economical installation, safe operation, and simple maintenance.

The SciCHLOR® system is NSF/ANSI 61 certified.

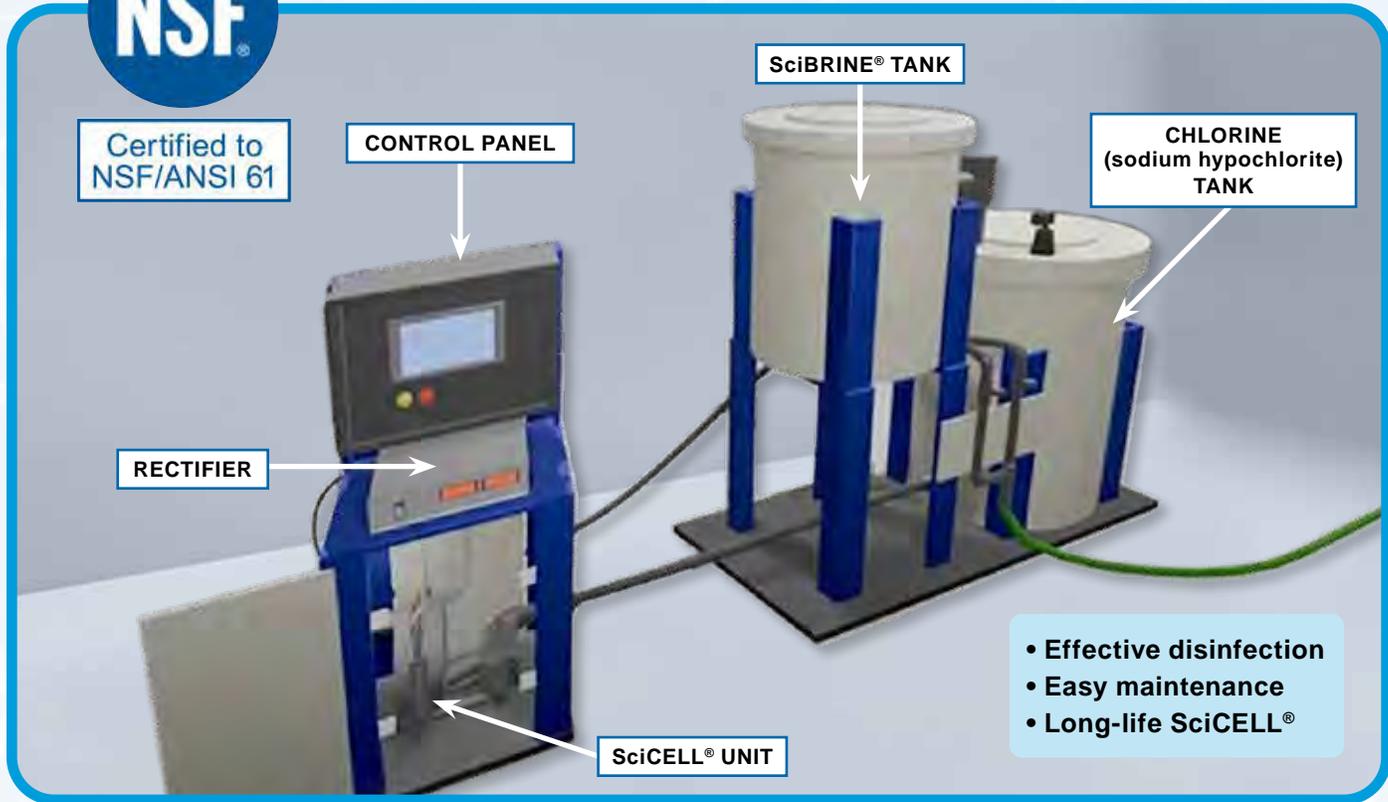
It is a pre-packaged system that includes brine tank(s), chlorine storage tank(s), control panel and rectifier, multi-pass SciCELL® unit, and recirculation pump.

The SciCELL® can be washed in-place without removal from the system; and it can be washed without wasting the solution that has been generated in the tank.

The SciCHLOR uses a recirculation method to concentrate a brine solution, generating the proper salinity for the selected strength of NaOCl, up to 0.8% concentration. We are proud to offer systems that are PRE-TESTED before being shipped.



Certified to NSF/ANSI 61

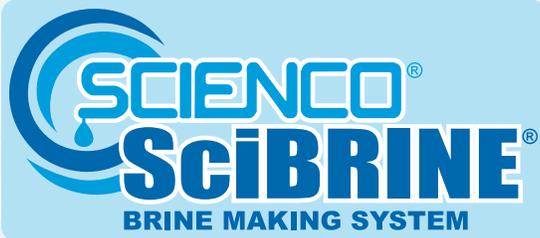


SciCHLOR® Sodium Hypochlorite Generator

| MODEL SIZES | Hypochlorite Produced Capacities | Dimensions (length x width x height) |
|---------------|---------------------------------------|---|
| SciCHLOR® 1.0 | 10 lbs [4.5 kg] = 150 GPD [570 LPD] | 4ft 9in x 2ft 7in x 5ft 5in [144 x 78 x 165 cm] |
| SciCHLOR® 2.0 | 20 lbs [9.1 kg] = 300 GPD [1130 LPD] | 4ft 9in x 2ft 7in x 5ft 5in [144 x 78 x 165 cm] |
| SciCHLOR® 4.0 | 40 lbs [18.1 kg] = 600 GPD [2270 LPD] | 7ft 4in x 4ft x 6ft [222 x 122 x 183 cm] |
| SciCHLOR® 6.0 | 60 lbs [27.2 kg] = 900 GPD [3400 LPD] | 7ft 4in x 4ft x 6ft [222 x 122 x 183 cm] |

SALT TYPE: 99.6% pure salt or better; solar salt preferred.
 SALT CAPACITY: 10 lbs [4.5 kg], 20 lbs [9.1 kg], 40 lbs [18.1 kg], 60 lbs [27.2 kg] per day NaOCl produced
 POWER: 480/230 VAC; 50/60 Hz, 3 Ph; 230 VAC, 50/60 Hz, 1 Ph. International options also available; consult factory.
 CHLORINE STRENGTH: up to 0.8% (8000 ppm)

COST • ROBUST



Optional
OSHA-approved
ladder available

Complete Brinemaking Solution

Scienco® SciBRINE® is a brinemaker that uses a down-flow process, which means that water flows down through the salt to make brine. The advantage of this process is that when the brine level is low, you can refill at the same time as pulling out saturated brine. Down-flow technology means that drawing brine out for use will not interrupt the process of creating the brine.

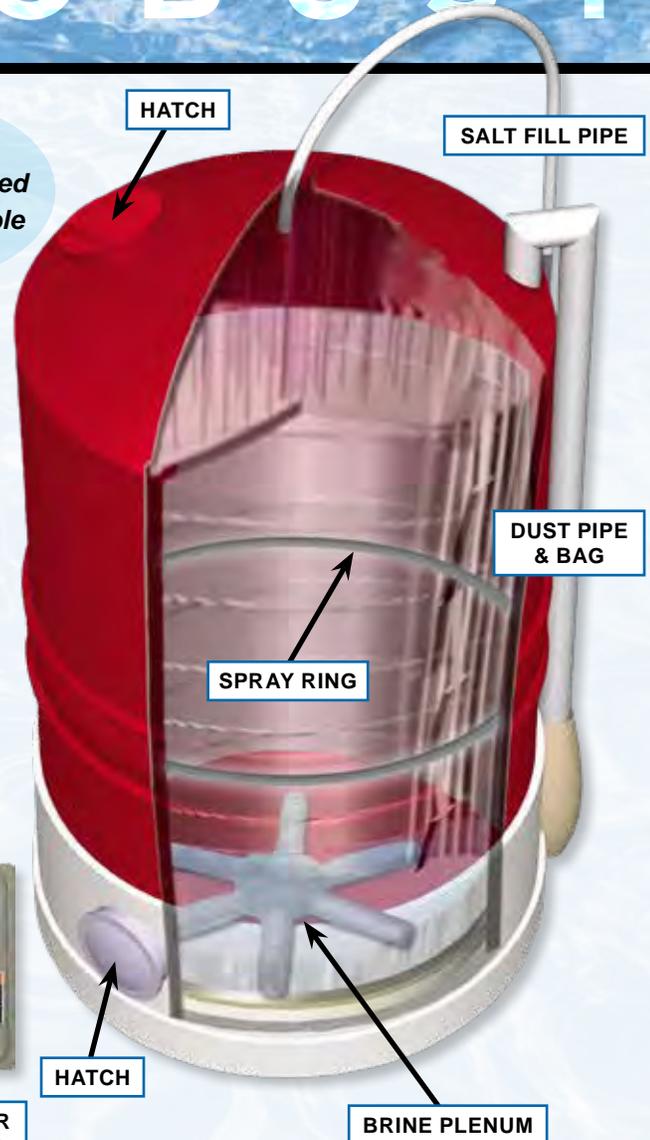
The Scienco® SciBRINE® is equipped with LEVETROL® Smart Relay, and water-level and saltwater controls which are located external to the tank. These controls sense the liquid levels in the tank and monitor the salt usage without any devices being located in the corrosive environment of the tank.

Any tank can be made into a brinemaker using a SciBRINE® kit; however, a filament-wound, reinforced fiberglass tank is recommended.

Granular or coarse-ground salts can be used, but the type of salt will affect the sizing of the system.



LEVETROL® SR
CONTROLLER



For sizing assistance, please contact factory for guidance:
solutions@sciencofast.com
1-800-652-4539

See chart below for select model sizes.
More sizes available on request.
(Sized specifically for your application,
from 3 to 70 ton capacities per fill.)

Scienco® SciBRINE® Brinemaker Bulk Salt Dissolver System Specifications

| MODEL SIZES* | Outside Diameter | Overall Height | Total Granular Salt Storage | Max Brine Flow | Empty Weight | Max Operating Weight Granular Salt** |
|------------------|------------------|------------------|-----------------------------|--------------------|--------------------|--------------------------------------|
| SciBRINE® FG0706 | 7ft 4in [2.2 m] | 8ft 6in [2.6 m] | ~ 4.7 tons | 19.2 GPM [73 LPM] | 552 lbs [250 kg] | ~ 8.2 tons |
| SciBRINE® FG0815 | 8ft 4in [2.5 m] | 17ft 6in [5.3 m] | ~ 22.0 tons | 25.1 GPM [95 LPM] | 1438 lbs [650 kg] | ~ 30.0 tons |
| SciBRINE® FG1015 | 10ft 5in [3.2 m] | 21ft [6.4 m] | ~ 35.7 tons | 39.3 GPM [150 LPM] | 1836 lbs [830 kg] | ~ 49.6 tons |
| SciBRINE® FG1220 | 12ft 6in [3.8 m] | 26ft [7.9 m] | ~ 71.3 tons | 56.5 GPM [215 LPM] | 2916 lbs [1325 kg] | ~ 90.0 tons |

* Other model sizes available on request.
** Ratings are different for coarse-ground salt.

System shown is a SciBRINE® FG1015:
Outside diameter = 10ft 5in [3.2 m]
Overall height = 21ft [6.4 m]
Total granular salt storage: ~ 35.7 tons





With decades of history unlike any other, the origins of SCIENTO® & FAST® can be traced back to the 1940s in St. Louis, MO for water and salt management systems. In 1981, Scienco and FAST combined as Scienco/FAST® to produce internationally recognizable water, wastewater,

and maintenance products focused on marine, commercial food and beverage, and agricultural market treatments with top-notch field services. Scienco/FAST®'s current commercial product lines combine proven performance with long-term reliability and many low-cost options.



SciCHLOR® Sodium Hypochlorite Generators:

A cost effective and reliable method of safely producing liquid chlorine for onsite disinfection.



SciBRINE® Bulk Salt Dissolver & Brinemakers:

The ideal complement for industrial water softening systems that require a large amount of daily salt consumption. It produces and store's a liquid brine solution that can be used in various applications, such as a food additive, a chemical feed for various chemical processes, or an ion exchange/water softening process.

For municipal water product components:

NSF/ANSI Standard 61 (NSF-61) is a set of national standards that relates to water treatment and establishes stringent requirements for the control of equipment that comes in contact with either potable water or products that support the production of potable water.



BETTER WATER. BETTER WORLD.™

16002 West 110th St. • Lenexa, KS 66219 USA
1-800-753-3278 • ph: 1-913-422-0707 • f: 1-913-422-0808
www.biomicrobics.com • sales@biomicrobics.com



a subsidiary of BioMicrobics, Inc.

200 Sun Valley Circle • Fenton, MO 63026 USA
1-800-652-4539 • ph: 1-314-756-9300 • f: 1-314-756-9306
www.sciencofast.com • solutions@sciencofast.com



a subsidiary of BioMicrobics, Inc.

69 Holland Street • Lewiston, ME 04240 USA
1-800-318-7967 • ph: 1-207-333-6940 • f: 1-207-333-6944
www.septitech.com • info@septitech.com



30525 First Street Suite A • Fulshear TX 77441 USA
ph : 1-832-640-9221 • f: 1-314-756-9306
www.intankballast.com • intank@sciencofast.com

