



SCIENCO/FAST
a division of Bio-Microbics, Inc.

SCIENCO[®]
SciBRINE[®]
WITH LEVETROL[®] CONTROLLER



SAFE | ECONOMIC | AUTOMATED | EFFICIENT | SIMPLE | COMPACT

Complete On-Site Bulk Salt Dissolving System:

- **ELIMINATES BAG DISPOSAL**
- **REDUCES LABOR**
- **REDUCES WAREHOUSE SPACE**
- **ECONOMICAL SOLUTION**

As the hallmark of brinemakers since the late 1960's, SCIENCO[®] SciBRINE[®] Brinemakers use the advantages of down-flow brinemaking processes to ensure consistent, near saturated brine with easy maintenance. The SCIENCO[®] SciBRINE[®] System comes standard with state-of-the-art Levetrol[®] controllers and "Smart Relay" (SR) features to automate the salt and water usage, provide alerts for high/low water level alarms or solenoid valve failure.

Ideal for food processing, textile dye-setting, chemical industries, or for applications with large water softening systems, the SciBRINE[®] systems are built to meet the standards of the US Department of Agriculture (USDA) and Federal Safety and Inspection Service (FSIS) food processing requirements.

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Internationally recognized for quality products and top-notch field services, Scienco/FAST is a manufacturer of innovative, proven solutions for marine sewage devices, water treatment systems, biological tablets, and other industrial technologies.

To Order or for more information on Scienco[®] products:

Toll-free (866) 652-4539 or call (314) 756-9300

w: www.sciencofast.com | e: solutions@sciencofast.com

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Hallmark since the 1960's

Any watertight tank can be used; however, filament-wound, reinforced, corrosive-free fiberglass is recommended for the greatest combination of strength, durability, and economy. All types of salts can be used: rock, solar, and granulated food grade.

Main reasons to use a Scienco® SciBRINE® brinemaker are to reduce or eliminate most costs associated with handling salt, warehouse space, and bag disposal.



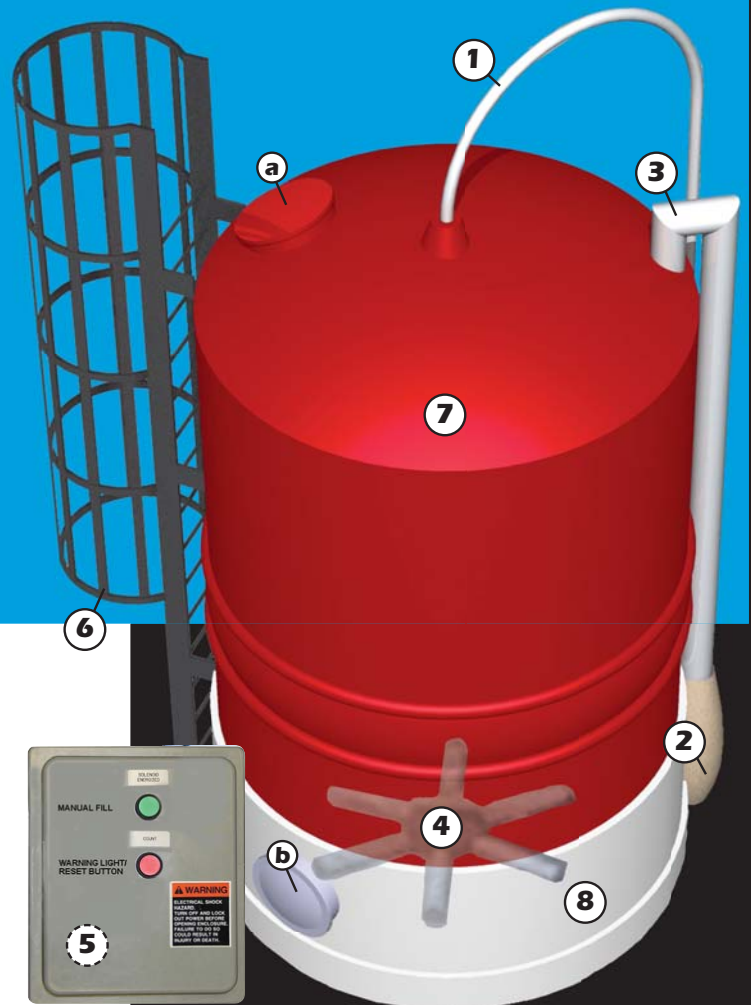
Scienco® SciBRINE® Brinemaker with LEVETROL® Controller

- *1.) Stainless steel top radius salt fill pipe for maximum resistance to abrasion (small flat tops uses a side fill entrance).
- *2.) Dust Collector Bag located near ground level for ease of cleaning.
- *3.) Vent pipe relieves pressure during the fill cycle and any airborne salt particles are captured in the Dust Collector Bag.
- *4.) Water Distributor Tube and Brine Plenum (located inside of tank).
- *5.) Remotely located, the Levetro® NEMA 4X control panel [available with "Smart Relay" (SR)] automates salt/water usage and eliminates the need for corrosion-prone, tank-mounted probes:
 - Controls water flows through a 30 gallon per/min flow control valve.
 - Light will illuminate to determine when more salt is needed.
 - Remote warning lights and telemetry technology can also be added to monitor the system.
 - Reduces the chance of channeling salt
- 6.) OPTIONAL safety cage and mounted ladder to provide access to the top manway for internal inspection of Brinemaker.
- 7.) NEW or EXISTING Tank, *supplied by others*. a. Weighted top manway acts as an emergency vent. b. Side manway serves as access for cleaning.
- 8.) OPTIONAL Standard and Full Heat & Insulation packages available, if required.

*Items supplied in basic Kit. Optional Components available: safety ladders and cages, standard or full heat and insulation packages, and/or pressure systems.

Uses the advantages of down-flow brining process in an automated system to ensure a consistent, near saturated brine.

Available in dome-top [below] or flat-top configurations in various tank sizes and brine flows, the system comes standard with: salt fill pipe, vents, dust collector, manways, control panel, brine plenum, and water distributor tube.



Scienco® SciBRINE® Brinemaker

Models	Total Salt Storage (tons)	Dimensions (ft) Dia x tank H x wall H
SciBRINE® FG1015	37	10' x 18' x 16'
SciBRINE® FG1212	27	12' x 12' x 11'
SciBRINE® FG1215	47	12' x 18' x 16'
SciBRINE® FG1220	62	12' x 22' x 20'
SciBRINE® FG0715	17	7' x 17' x 15'
SciBRINE® FG0712	13	7' x 14' x 12'
SciBRINE® FG0709	9	7' x 11' x 9'
SciBRINE® FG0613	11	6' x 15' x 13'
SciBRINE® FG0610	8	6' x 12' x 10'
SciBRINE® FG0607	5	6' x 9' x 7'

*In the interest of technological progress, all SCIENCO® SciBRINE® BrineMakers are subject to design and/or materials change without notice.



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