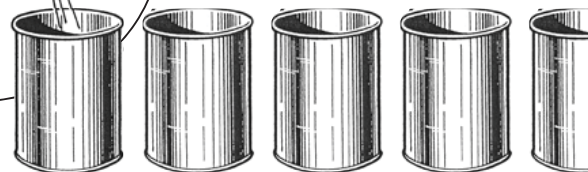
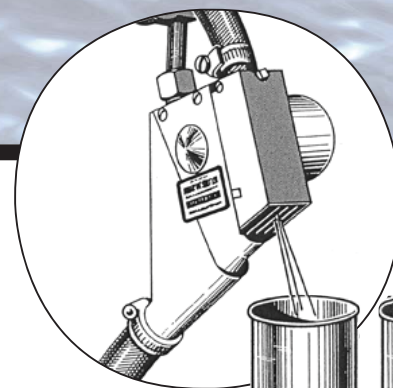




SCIENCO/FAST
a division of Bio-Microbics, Inc.



SCIENCO[®] FloCRON[®]

LIQUID INJECTION SYSTEM

Ideal for Economic, Accurate & Reliable Dispensing

- Electronically Controlled
- Easy Installation and Operation
- Extremely Accurate
- Economical Solution

Adaptable. Affordable. Proven.

SCIENCO[®] FloCRON[®] Liquid Dispensing Injection System provides economic, accurate and reliable dispensing equipment for industrial and food processing markets. The SCIENCO[®] FloCRON[®] is designed to dispense a pre-set amount of viscous liquid into individual cans, jars, pouches, or bottles during the filling process. SCIENCO[®] FloCRON[®] applications are primarily determined by line speed, container opening, amount of liquid dispensed and product viscosity.

Ideal uses for dispensing liquids:

- water / brine solutions
- liquid citric acid
- liquid calcium chloride
- variety of oils
- variety of sauces
- ...and more!

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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 **Mighty Mike[®]** products:

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

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

EXAMPLE OF A BRINE DISPENSING SYSTEM

The basic system is highlighted in the red circles below; other items are optional or sold separately:

- A.) Dispenser Head
- B.) Gravity Feed Tank
- C.) Photo Lever Assembly (other trigger options are available)
- D.) Electrical Control Cabinet
- E.) Recirculation Pump
- F.) Recirculation Tank

The Scienco® FloCRON® control cabinet can operate two dispensing heads on the line at the same time to double the amount of product being dispensed into the container, ideal for larger or over-sized containers.

The FloCRON® system can handle line speeds of up to 400 cans per minute. To achieve greater line speeds, split the lines to use multiple FloCRON® systems and then merge the lines back together.



SCIENCO® FloCRON® How It Works

The SCIENCO® FloCRON® is a constant-flow, closed loop system designed to dispense low viscosity materials; ideal for: water/brine solutions, liquid citric acid, liquid calcium chloride, variety of oils, sauces, and more!

- 1 Liquid is delivered from a batching tank or brinemaker to a recirculation tank complete with a shut-off valve and float to control the flow.
- 2 Liquid is then pumped from the recirculation tank to the gravity feed tank.
- 3 Then the liquid flows to the dispensing head (2 heads available: E3-Normal and A4-High Heat), where the deflector assembly diverts the liquid into the container when the head is triggered.
- 4 The flow of liquid is controlled by a valve on the gravity feed tank and also a nozzle in the dispensing head.
- 5 4 nozzle sizes are available to regulate flow from the head (consult factory for nozzle recommendations).
- 6 The Photo Lever Assembly is shown, but other trigger sensor options are available, such as a proximity switch. This triggers the feed with the dispensing head.
- 7 Liquid that was not directed into the container flows back to the recirculation tank and the process is repeated.

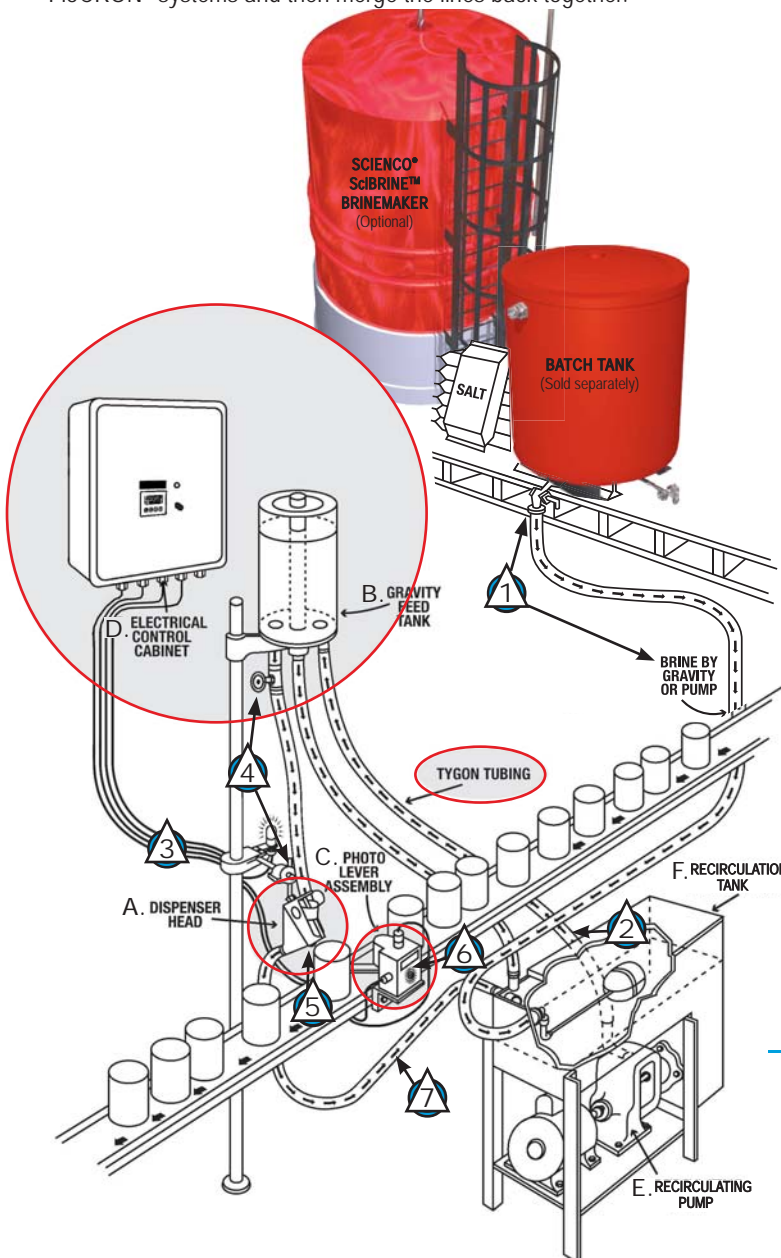
Available Models:

FloCRON® Model E-3 - The E-3 model utilizes an electro-mechanical dispensing head. The E-3 uses either 12 or 24 volt coil (depending on the control cabinet selected) to provide electricity to the rotary solenoid.

FloCRON® Model A-4 - The A-4 model utilizes an air-operated dispensing head. It is recommended for applications when product temperature is over 180 degrees F.

FloCRON® Model LV - The LV (Large Volume) model is an air-operated dispensing head used in high-volume, low-line-speed applications. A large poly tank is typically used in place of the gravity feed tank and recirculation is typically not required.

FloCRON® TC-3 Control Cabinet - The TC-3 incorporates digital control circuitry that gives the Flocron System a quicker response time that increases the line speed capability. The new cabinet also has a built in counter that counts each time the head is activated. This has proven a plus with quality control.



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