

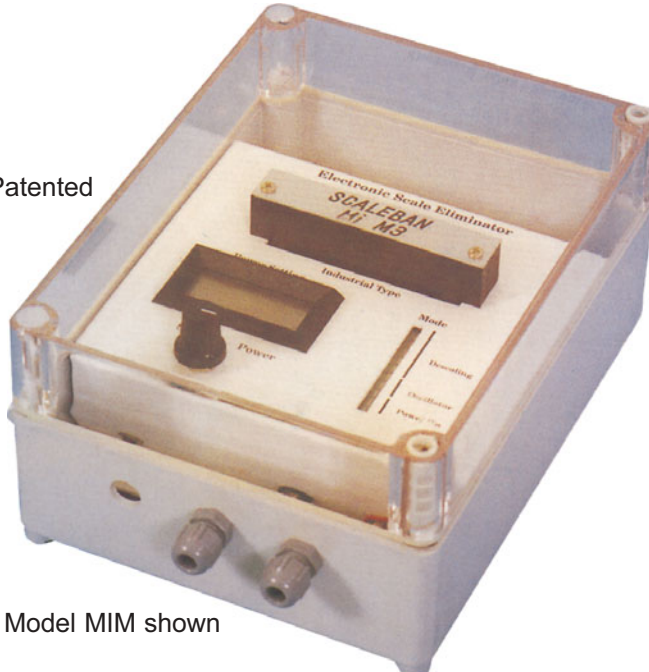


SCALEBAN™

ELECTRONIC SCALE CONTROL

EFFECTIVELY REMOVES AND PREVENTS SCALE DEPOSITS IN WATER SYSTEMS

Patented



Model MIM shown

FEATURES AND BENEFITS

- Descale without disassembly
- Eliminates use of chemicals
- Non-Invasive - No contact with water
- Requires no plumbing
- Noiseless and odorless
- Solid state circuitry
- Maintenance free - 20 year design life components
- Low energy usage - typically costs less than \$3.00 per year to operate (model M2000)
- For use on all water pipes except lead. (never use lead on water lines)
- Requires a minimum fluid flow of 6 inches per second.

Lime scale build-up, caused by calcium in hard water, is one of the largest problems that molders face today. As water flows through your system, it forms in pipes, faucets, hot water tanks and, most critically, heat exchangers. When scale builds up in heat exchangers, it causes a reduction in heat transfer, reducing efficiencies and preventing machines from operating at full capacity (note: a scale build-up of only 1/16" of an inch can reduce heat transfer by almost 20%). In addition to reducing heat transfer, extensive maintenance is usually required to remove scale build up, which translates into machine downtime. Many molders have tried chemicals, water softeners, or ion exchange units, but these methods are too costly for continuous use and they only **reduce** scale, not eliminate it.

Scale-Ban™ provides safe, reliable and effective full-time electronic descaling. Unlike water softeners or ion exchange units, which add two atoms of sodium for every atom of calcium removed, Scale-Ban™ can not only stop scale build up, it can also remove existing scale. **Scale prevention and removal without disassembly!** Scale-Ban™ has no physical contact with the water, so the water is safe to drink. In fact, many apartment buildings, hotels and homes have replaced their salt water softeners with Scale-Ban™ units.

Scale-Ban™ functions by creating proprietary, multiple modulation low energy fields. These electromagnetic fields are created by a signal generator, no bigger than a shoe box and sent through a 25 turn solenoid coil. The coil is wrapped around the incoming water pipe, plugged into the signal generator and the electronic descaling begins.



BEFORE



AFTER

JUST THE FACTS! NO BOGUS CLAIMS

These two steel pipes of 1" and 2" diameter were heavily scaled up before being connected to a water supply that was treated with a Scale-Ban™ descaling unit.

After just 28 days almost all of the scale has been removed by the action of the Scale-Ban™ unit.



PLASTIC PROCESS EQUIPMENT, INC.

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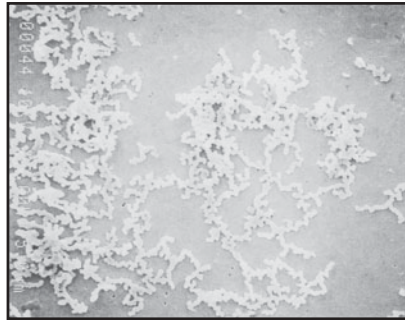


SCALE-BAN™ ELECTRONIC SCALE CONTROL

PREVENT AND REMOVE SCALE DEPOSITS



Before treatment (2000x magnification)



After treatment (2000x magnification)

These two photos show the physical changes generated by Scale-Ban™. Scale-Ban™ uses molecular surface energy realignments to neutralize the dissolved carbonates that cause hardness. Ionic calcium carbonate is converted to electrically neutral aragonite rather than calcite (limescale).

“Since purchasing the Scale-Ban™ my machine oil heat has dropped 10 degrees, We spent approximately two hours every week cleaning water lines. Now my water is crystal clear and I do not have to unclog water lines every week...”

— Boyce Engineering
St. Petersburg, FL.

“We do maintenance on heat exchangers on a scheduled basis. We take the end caps off, clean out [the scale], and make sure everything is fine. But we found we were overheating oil more often than we should.” Since the installation of Scale-Ban™, pipes have become “virtually scale-free”, and they haven’t had to clean out heat exchangers since.

— Sussex Plastics
Sussex, WI

“[We had] water cooled mold lime scaling, causing loss of heat rejection efficiency, resulting in reduced production rates, frequent routine descaling maintenance with expensive periodic chemical cleaning, requiring production downtime. A Scale-Ban™ was installed on the casting machine cooling water header pipe... Within 3-4 weeks, The mold die cooling water exit temperatures on all machines dropped to an average of 120°F from 175°F... The addition of Scale-Ban™ has allowed production increases of up to 33% [and] increased machine uptime from an average of 70% to the current 92%...”

— Johnson Controls, Inc.
Milwaukee, WI

If you think Scale-Ban™ is too good to be true, purchase a model M2000 and install it on one system. After you see the results, you’ll come back for a plant wide system!

— PRICE —

MODEL #	PIPE SIZE	MAX GPM	POWER OUTPUT (mA)	PRICE
M2000	1.5"	45	28	\$599.00

120 Volt Transformer Included.

SALE PRICE
\$295.00

MONEY BACK GUARANTEE

If you are not satisfied by the performance of the ScaleBan™, return it within 30 days for a full refund.

Remember, ScaleBan™ takes a period of time to fully descale your water systems depending on its size and condition. It performs a tunneling effect as it cleans and removes scale throughout your entire downstream water system.



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