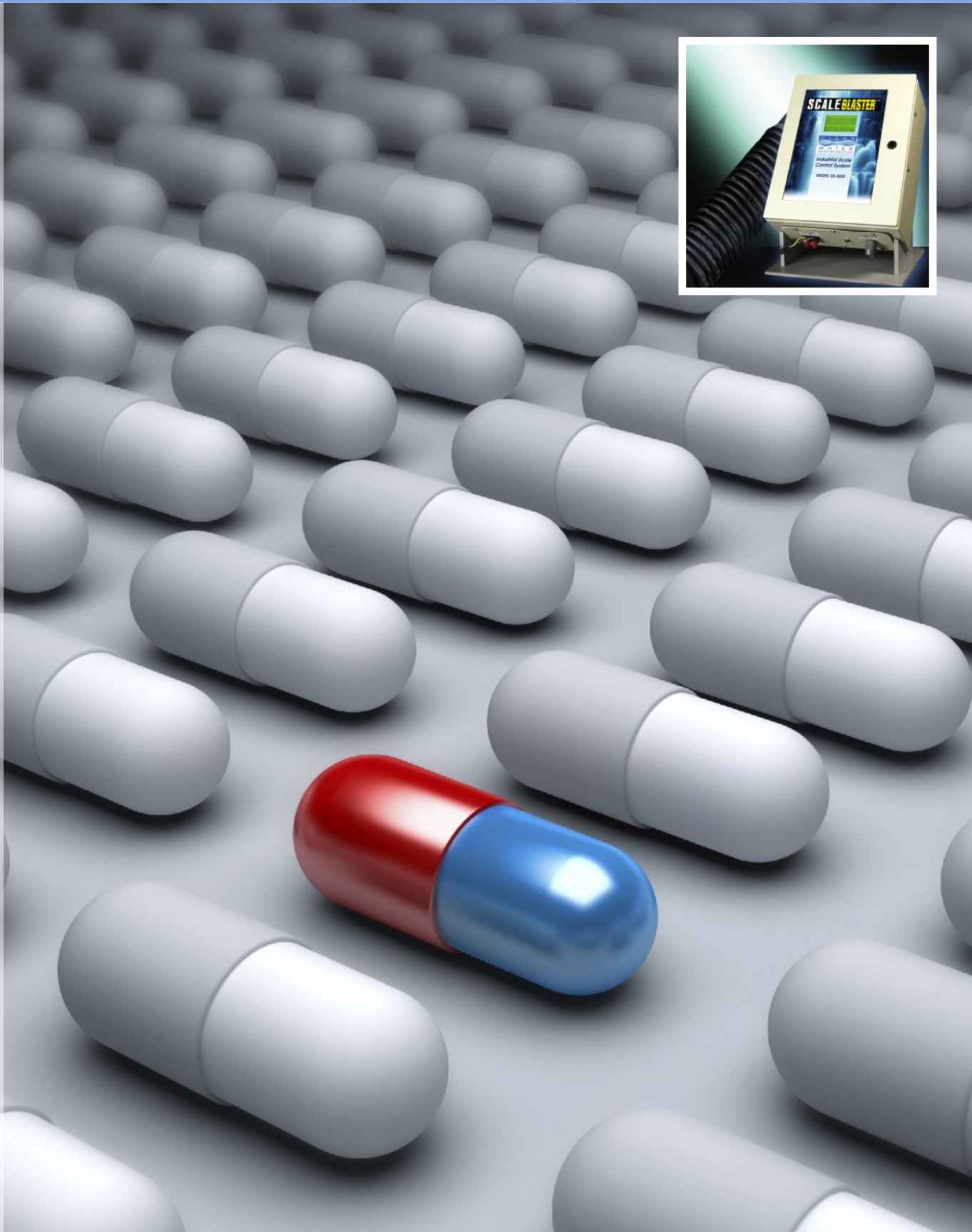


# SCALE BLASTER™

THE WATER SOFTENER ALTERNATIVE

APPLICATIONS

Pharmaceutical Manufacturing



# Pharmaceutical Manufacturing Applications

## Grinding and compounding

**ScaleBlaster** will control lime scale deposits on the dryers, condensers and boilers in pharmaceutical manufacturing environments.

## Pigmentation blending

**ScaleBlaster** will allow for denser compounding, rollers are kept cool and there is easier twin-cone interfacing.

## Absorption qualities

Surface tensions of the water are relaxed with **ScaleBlaster** and tinting is faster and more complete.

## Adhesive/cohesive

Bonding characteristics are enhanced by using the **ScaleBlaster system**.

## Polymers

By using **ScaleBlaster**, flow patterns in transfer lines are easier and there are fewer blockages and back flushing will be much easier.

## Reverse osmosis systems

Control lime scale deposits, clogging and flow restrictions by using **ScaleBlaster**.

## Equipment

Lime scale deposit formation is a problem in your boilers, heat exchangers, rollers, transfer lines, pumps, valves, meters, scales, twin-cone blenders, filling equipment, dying vats, reactors, condensers, and cooling towers.

Pharmaceutical manufacturing involves a multitude of tanks, pipes and pumps that connect a variety of mixers and reaction vessels.

Clogged pipelines and filters are expected and the process must be halted to clean the lines. **ScaleBlaster** will keep the lines clean and the process running with no downtime.

Heavy fluids clog pumps. **ScaleBlaster** will keep the solids from depositing on pump impellers and casings – reducing maintenance and downtime.

## Energy savings

Pump energy costs will rise as the pumps and lines become clogged. Lime scale and other deposits on boilers, heat exchangers and cooling towers affect the process of energy efficiency and incur maintenance time and chemical treatment cost. **ScaleBlaster** will control these problems.



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