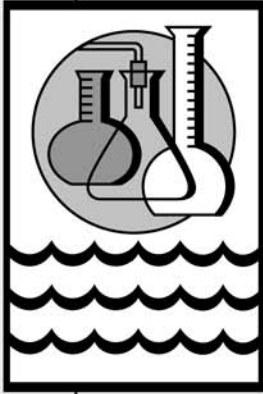


Why Pool Operators Automate Their Chemistry

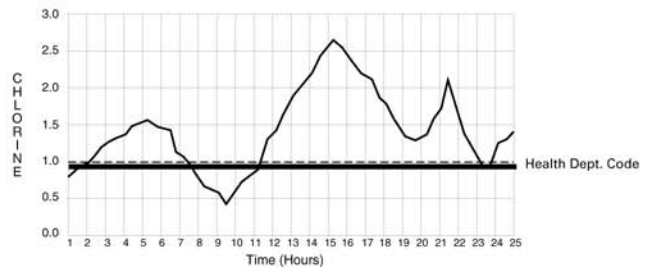


The water quality of a commercial swimming pool is a delicate balance of several chemicals whose demand varies significantly with bather load, temperature, and weather conditions. Unfortunately, the demand is never constant and completely unpredictable. Virtually every minute of every day has a distinct demand pattern that is seldom duplicated. Some of the most common things that affect chemistry demand are:

pH	wind direction	manganese	climate	airborne organics
urine	temperature	alkalinity	ammonia	amino acids
iron	oxygen levels	lubricants	proteins	make-up volume
debris	make-up water	sunlight	nitrites	nitrogen compounds

The typical mechanical-chemical system

The typical mechanical or "fixed rate" chemical system will feed chlorine and pH correction at a constant rate and does not make adjustments for the number of swimmers, organic loading, or environmental conditions. Such a system produces unavoidable peaks and valleys in pH and chlorine levels that cause aggressive water, and will damage equipment and pool finishes, waste chemicals, and provide unhealthy water. Even investing hundreds of monthly manhours in manual chemistry corrections cannot fully resolve the problem.



Ready...

Set...

Take Control!

The Strantrol's patented automated system

Since 1968, Strantrol's patented "HRR" High Resolution Redox Control automatically monitors the chlorine/bromine and pH levels 24 hours a day and dispenses chemicals in perfect proportion to demand. Whether there are "wall to wall" people in the pool, no one is swimming, or there is heavy rainfall at 3:00 AM, the pool chemistry is automatically maintained at preset levels. The end result is crystal clear Perfect Pool Water regardless of bather load or weather conditions.

