Measuring and control system DULCOZERO
to monitor the absence of free chlorine

Alarm signal in the event of a chlorine “breakthrough” – quick and reliable
Within a multi-monthly calibration interval, a breakthrough of chlorine is detected at a low threshold in less than 3 minutes and is measured with precise accuracy in mg/l. The alarm is immediately set off.

Excellent precision due to intelligent signal monitoring
The controller DULCOMETER DACb continuously monitors the ratio of useful signals to interference signals from the sensors. The smallest useful signal can therefore be precisely evaluated.

Simple and convenient calibration
The calibration process is automatically controlled by the calibration wizard of the controller DACb. All resulting calibration values are evaluated by the system.

Optimum operating conditions for measurements
Modular sensor bypass armature BAMa for sensors results in minimised water consumption with optimum measuring conditions.

Ultra-accurate metering of the calibration solution
The peristaltic pump precisely and automatically meters the chlorine content required.

Saves operating costs
There is no need for the continuous metering of chemicals. Calibration intervals are also several months apart. Maintenance and servicing costs remain low.

Amperometric sensors – optimised to detect a breakthrough of chlorine
Innovative "zero-chlorine-capable" amperometric sensors of the DULCOTEST for Free Chlorine and Total Chlorine product line measure the breakthrough of chlorine quickly, precisely and reliably even after an absence of chlorine lasting several months. They are untroubled by turbidity or colouration of the water.