**Introduction**

We conceive and construct whole of analytical control and proportioning, multipurpose and simple of use. This system can control 1 or 2 basins.

The following parameters are available:

- temperature
- pH
- free chlorine
- turbidity
- conductivity
- brome
- ozone
- ORP
- PHMB
- hydrogen peroxide

Proportioning or management of the reagents and oxidants according to:

- liquid chlorine
- chlorinate produces by erosion
- chlorinate produces by electrolysis
- brominate
- hydrogen peroxide
- ozone
- PHMB
- pH less liquid
- carbonic gas

**Description**

According to the necessary functions, a panel or a box will be provided with:

- a filtration of water to be analyzed
- Cell of reading equipped with probe of tempereature (pT 100), amperometric probe (type R or L), pH probe, conductivity probe, specific probe
- a transmitter allowing the acquisition of the elements of field for one to three basins
- proportioning pumps by reagents or liquid oxidants
- block of proportioning gas in the case of the carbonic gas
- connection of command in the case of an electrolyser

All the elements described above, are prewired and tested in factory, before forwarding.
Main characteristics

• water by derived flow analyzes, without water loss
• filtration of water to be analyzed
• flow controlled of water to analyze
• feeding of board: 120-240V 50/60 Hz
• supply pressure carbonic gas: 50-55 psig
• proportioning pumps of electromagnetic type or peristaltic, according to productive flow

Options

• storage tank of chemicals with detection of level
• vats of retention
• connection RS485, software allowing acquisition, the management of the functional data as well as remote control.