

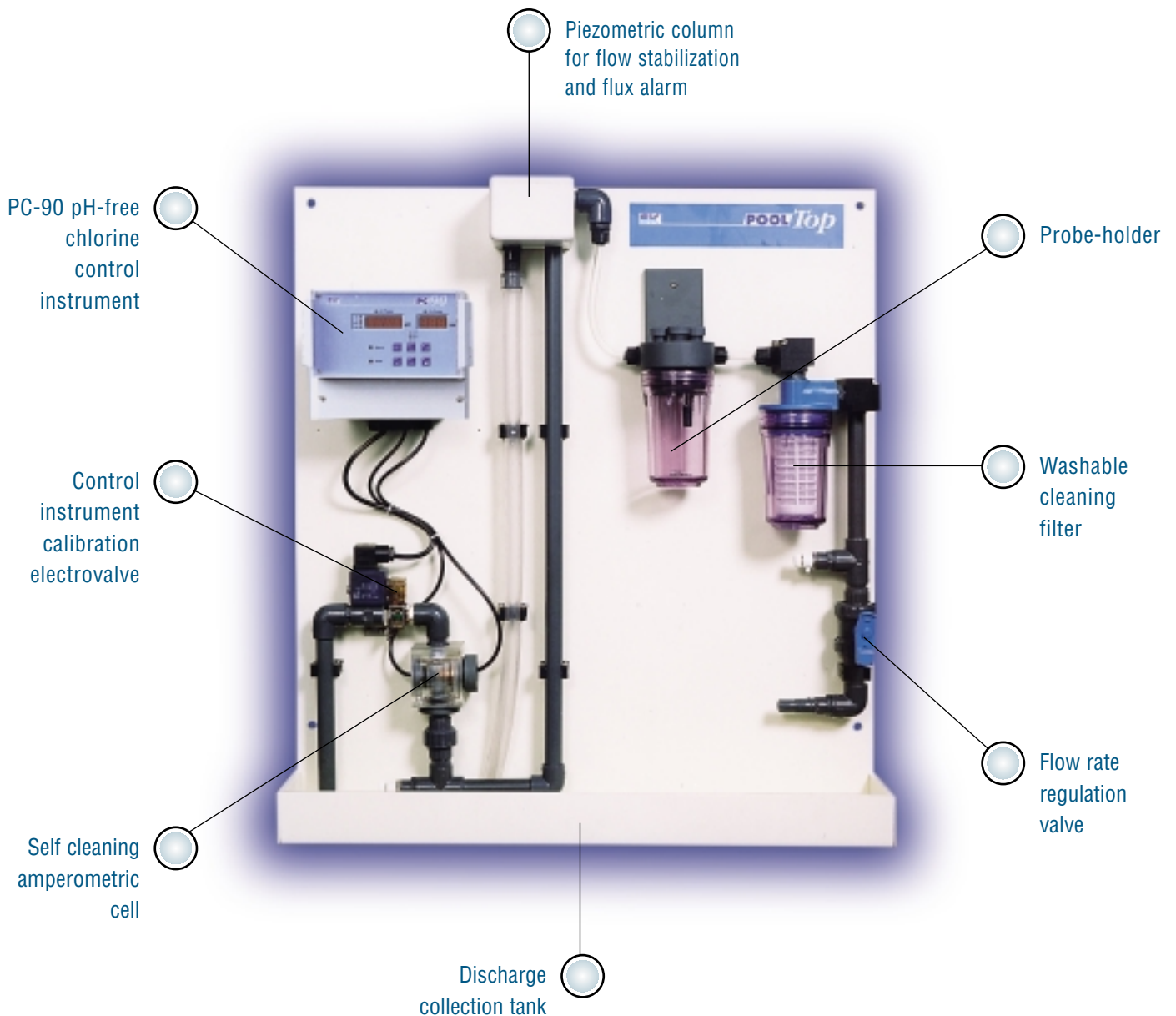
## Pool Top

The POOL TOP PANEL is a panel suitably made for pH and residual chlorine measurement and control in swimming-pools. It is provided with: downflow probe for the pH electrode housing, residual chlorine cell, chlorine and pH measuring and regulation control instrument model PC-90. Chlorine reading is pH compensated automatically. The system can be calibrated on the treated water chemical/physical characteristics as well as on the temperature.

With the pool top series it is possible to control free chlorine also in swimming pools in which Chlore Isocianurate is used. The system will work with cyanidric acid concentration up to 50 ppm. This product cannot be used to control free chlorine in high salinity salt water.

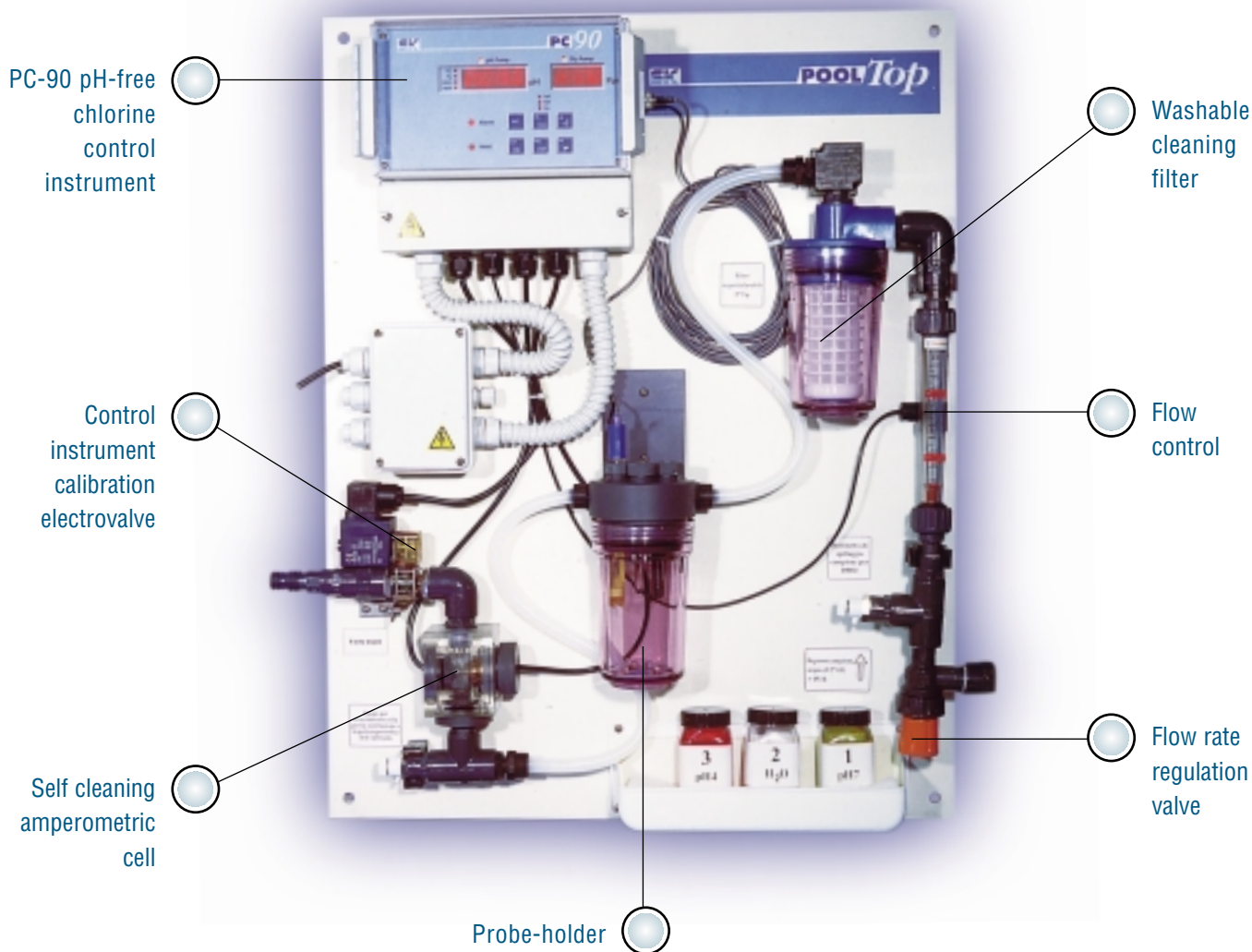
### Pool Top Panel

This version is used where the loss of a small amount of water does not cause any problem to the installation. The control instruments compensates flow variation between 50 and 600 litre/hour



**Pool Top Closed Loop**

This version is used on installations where it is not possible to lose any water. The control instrument require a constant flow rate of 40 litre/hour. The flow variation causes an error of 1.5% per litre of flow variation.



**PANEL**

- Quick and easy installation
- Inlet 1/2" - outlet 3/4"
- Self cleaning Pt-Cu cell
- Alarm signal for missing flow

**PC-90 CONTROL INSTRUMENTS**

- IP 65 protection degree
- 115 Vac and 230 Vac 50 Hz power supply
- 7 Watt power consumption (+ 9W for the electrovalve)
- pH measure: 0...14.00 ± 0,01 pH
- Cl<sub>2</sub> measure: 0...5.00 ± 0,01 ppm
- Temperature compensation and reading 0...125°C
- Programmable set point and alarm
- pH and Cl<sub>2</sub> self calibration
- Quality control of electrode
- With galvanic separation for two programmable outputs selectable 0/4...20 mA
- Led display
- Dry contact relay for pH pump: 5A 250 Vac
- Dry contact relay for Cl<sub>2</sub> pump: 5A 250 Vac
- 5A 250 Vac alarm relay
- Pumps hold switch for control instrument calibration
- With RS485 serial interface (optional)