The new GUARDIAN NEXT equipment combines the traditional elements of control and regulation, with full digital control of the levels. This facilitates management of the swimming pool parameters and records, in order to identify and correct errors before they cause any problems.

It is noted for high performance on the control and regulation of chemical products used in public and private swimming pools.

New features 2013
- Design innovation
- 7" touch screen (equivalent to approx. 18 cm diagonally)
- Digital control panel with full access to all parameters
- Communication via USB and RJ45 (optional)

In addition...
- Easy to use
- For swimming pools with dosing systems using stabilized chlorine (solid or liquid) or bromine
- It includes dual relay outputs for each parameter, adjustable 4-20 mA outputs (optional) and RS-485 communications output
- Multilingual
- Sensor inputs are galvanically isolated

Main features
- Reading of 1, 2 or 3 parameters (ppm Cl, pH and Redox). For each parameter, the equipment has:
  - 2 realy outputs
  - 2 setpoints
  - 2 adjustable 4-20mA outputs (optional)
  - 2 voltage free alarm level contacts
  - 1 pulse output (0-1000 pulses / min)
  - 3 alarms, indicating minimum, maximum and maximum value

Automatic temperature compensation
Sensor inputs are galvanically isolated.

Technical specifications
- Touch screen: 7" in 7 languages
- Power supply: 90 – 240 VAC 50/60Hz, 12-36 VDC
- Power consumption: 16W
- Operating temperature: 0-40ºC
- Max. current in contact with the control relay output: 16 A with resistive load and 3 A with inductive load
- Max. current in contact with the output relay output: 5 A with resistive load and 0.7 A with inductive load
- Max. current in contact with the alarm relay output: 5 A with resistive load and 0.7 A with inductive load
- Current output: 4-20 mA (dynamic 0-500 Ω)
- Pulse output: 0-999 pulses/min
- pH range: 0.00 – 14.00 (0.01pH resolution)
- Redox range (mV): -1000… +1400 mV (1mV resolution)
- Cl range: 0 - 2 ppm (0.001 ppm resolution), 0 - 20 ppm (0.01 ppm resolution)
- Total Cl range: 0 - 2 ppm (0.01 ppm resolution), 0 - 20 ppm (0.01 ppm resolution)
- O₂ range: 0 – 200 ppm (0.1 ppm)
- Temperature probe output (not included)
- Multi output for communications (optional)

GUARDIAN NEXT

GUARDIAN NEXT 1
GUARDIAN NEXT 2
GUARDIAN NEXT 3

Model
Guardian NEXT 1
Guardian NEXT 2
Guardian NEXT 3

Water type
Drinking water
Public and private pools
Public pools

Readings
ppm Cl
pH
ppm Cl
ppm Cl

Dosing type
Cl dosing in liquid and tablets
Cl and bromine dosing in liquid
and tablets
Cl and bromine dosing in liquid
and tablets

Chemicals
Amperometric Cl probe
Amperometric Cl probe
Amperometric Cl probe

Automatic temperature compensation
Sensor inputs are galvanically isolated.

GUARDIAN NEXT

GUARDIAN NEXT 1
GUARDIAN NEXT 2
GUARDIAN NEXT 3

Model
Guardian NEXT 1
Guardian NEXT 2
Guardian NEXT 3

Water type
Drinking water
Public and private pools
Public pools

Readings
ppm Cl
pH
ppm Cl
ppm Cl

Dosing type
Cl dosing in liquid and tablets
Cl and bromine dosing in liquid
and tablets
Cl and bromine dosing in liquid
and tablets

Chemicals
Amperometric Cl probe
Amperometric Cl probe
Amperometric Cl probe

Automatic temperature compensation
Sensor inputs are galvanically isolated.

GUARDIAN NEXT

GUARDIAN NEXT 1
GUARDIAN NEXT 2
GUARDIAN NEXT 3

Model
Guardian NEXT 1
Guardian NEXT 2
Guardian NEXT 3

Water type
Drinking water
Public and private pools
Public pools

Readings
ppm Cl
pH
ppm Cl
ppm Cl

Dosing type
Cl dosing in liquid and tablets
Cl and bromine dosing in liquid
and tablets
Cl and bromine dosing in liquid
and tablets

Chemicals
Amperometric Cl probe
Amperometric Cl probe
Amperometric Cl probe

Automatic temperature compensation
Sensor inputs are galvanically isolated.

GUARDIAN NEXT

GUARDIAN NEXT 1
GUARDIAN NEXT 2
GUARDIAN NEXT 3

Model
Guardian NEXT 1
Guardian NEXT 2
Guardian NEXT 3

Water type
Drinking water
Public and private pools
Public pools

Readings
ppm Cl
pH
ppm Cl
ppm Cl

Dosing type
Cl dosing in liquid and tablets
Cl and bromine dosing in liquid
and tablets
Cl and bromine dosing in liquid
and tablets

Chemicals
Amperometric Cl probe
Amperometric Cl probe
Amperometric Cl probe

Automatic temperature compensation
Sensor inputs are galvanically isolated.

GUARDIAN NEXT

GUARDIAN NEXT 1
GUARDIAN NEXT 2
GUARDIAN NEXT 3

Model
Guardian NEXT 1
Guardian NEXT 2
Guardian NEXT 3

Water type
Drinking water
Public and private pools
Public pools

Readings
ppm Cl
pH
ppm Cl
ppm Cl

Dosing type
Cl dosing in liquid and tablets
Cl and bromine dosing in liquid
and tablets
Cl and bromine dosing in liquid
and tablets

Chemicals
Amperometric Cl probe
Amperometric Cl probe
Amperometric Cl probe

Automatic temperature compensation
Sensor inputs are galvanically isolated.

GUARDIAN NEXT

GUARDIAN NEXT 1
GUARDIAN NEXT 2
GUARDIAN NEXT 3

Model
Guardian NEXT 1
Guardian NEXT 2
Guardian NEXT 3

Water type
Drinking water
Public and private pools
Public pools

Readings
ppm Cl
pH
ppm Cl
ppm Cl

Dosing type
Cl dosing in liquid and tablets
Cl and bromine dosing in liquid
and tablets
Cl and bromine dosing in liquid
and tablets

Chemicals
Amperometric Cl probe
Amperometric Cl probe
Amperometric Cl probe

Automatic temperature compensation
Sensor inputs are galvanically isolated.

GUARDIAN NEXT

GUARDIAN NEXT 1
GUARDIAN NEXT 2
GUARDIAN NEXT 3

Model
Guardian NEXT 1
Guardian NEXT 2
Guardian NEXT 3

Water type
Drinking water
Public and private pools
Public pools

Readings
ppm Cl
pH
ppm Cl
ppm Cl

Dosing type
Cl dosing in liquid and tablets
Cl and bromine dosing in liquid
and tablets
Cl and bromine dosing in liquid
and tablets

Chemicals
Amperometric Cl probe
Amperometric Cl probe
Amperometric Cl probe

Automatic temperature compensation
Sensor inputs are galvanically isolated.

GUARDIAN NEXT

GUARDIAN NEXT 1
GUARDIAN NEXT 2
GUARDIAN NEXT 3

Model
Guardian NEXT 1
Guardian NEXT 2
Guardian NEXT 3

Water type
Drinking water
Public and private pools
Public pools

Readings
ppm Cl
pH
ppm Cl
ppm Cl

Dosing type
Cl dosing in liquid and tablets
Cl and bromine dosing in liquid
and tablets
Cl and bromine dosing in liquid
and tablets

Chemicals
Amperometric Cl probe
Amperometric Cl probe
Ampermetric Cl probe

Automatic temperature compensation
Sensor inputs are galvanically isolated.

GUARDIAN NEXT

GUARDIAN NEXT 1
GUARDIAN NEXT 2
GUARDIAN NEXT 3

Model
Guardian NEXT 1
Guardian NEXT 2
Guardian NEXT 3

Water type
Drinking water
Public and private pools
Public pools

Readings
ppm Cl
pH
ppm Cl
ppm Cl

Dosing type
Cl dosing in liquid and tablets
Cl and bromine dosing in liquid
and tablets
Cl and bromine dosing in liquid
and tablets

Chemicals
Ampermetric Cl probe
Ampermetric Cl probe
Ampermetric Cl probe

Automatic temperature compensation
Sensor inputs are galvanically isolated.

GUARDIAN NEXT

GUARDIAN NEXT 1
GUARDIAN NEXT 2
GUARDIAN NEXT 3

Model
Guardian NEXT 1
Guardian NEXT 2
Guardian NEXT 3

Water type
Drinking water
Public and private pools
Public pools

Readings
ppm Cl
pH
ppm Cl
ppm Cl

Dosing type
Cl dosing in liquid and tablets
Cl and bromine dosing in liquid
and tablets
Cl and bromine dosing in liquid
and tablets

Chemicals
Ampermetric Cl probe
Ampermetric Cl probe
Ampermetric Cl probe

Automatic temperature compensation
Sensor inputs are galvanically isolated.

GUARDIAN NEXT

GUARDIAN NEXT 1
GUARDIAN NEXT 2
GUARDIAN NEXT 3

Model
Guardian NEXT 1
Guardian NEXT 2
Guardian NEXT 3

Water type
Drinking water
Public and private pools
Public pools

Readings
ppm Cl
pH
ppm Cl
ppm Cl

Dosing type
Cl dosing in liquid and tablets
Cl and bromine dosing in liquid
and tablets
Cl and bromine dosing in liquid
and tablets

Chemicals
Ampermetric Cl probe
Ampermetric Cl probe
Ampermetric Cl probe

Automatic temperature compensation
Sensor inputs are galvanically isolated.