

# POOL SYSTEMS



## DST POOL – Speed and Time regulation



Digital peristaltic pump with speed and time regulation  
 Pump flow rate: 6 L/h (100 mL/minute)  
 Power supply: 240 Vac  
 PP box  
 IP65 protection degree  
 Insulation class 2  
 H x P x L: 123 x 86 x 106 mm

Model	Description
<b>DST-POOL</b>	Digital dosing pump, specific for the dosage of flocculants and anti-algae in swimming pools. <b>Supplied with installation kit</b>
Installation kit: foot filter, suction and delivery tubes, non-return valve.	

## SCV – speed regulation



Analogue peristaltic pump with speed regulation by potentiometer specific for the dosage of essences.  
 Power supply: 240 Vac  
 PP box  
 IP65 protection degree  
 Insulation class 2  
 H x P x L: 123 x 86 x 106 mm  
 Complete with injection valve

Model	Flow rate (L/h)	Pressure max.	Tube	mm
<b>SCV-POOL1</b>	from 0.1 to 0.6	3,5	Santoprene	3x8
<b>SCV-POOL2</b>	from 0.25 to 1.5	3,5	Santoprene	3x8
<b>SCV-POOL3</b>	from 0.5 to 3.2	1	Santoprene	6x10

## DPR automatic digital dosing pump - single parameter



Automatic digital peristaltic pump for the regulation of pH or ORP (redox) values.  
 Power supply: 240 Vac  
 PP box  
 IP65 protection degree  
 Insulation class 2  
 H x D x L: 123 x 86 x 106 mm  
 Pump flow rate: 1.5 L/h or 3.5 L/h  
 Measuring ranges: **pH** 0.00 ÷ 14.00 (pH)  
                           **ORP** 0 ÷ 1000 (mV)

Code	Description
<b>DPRA-PH</b>	pH controller with peristaltic pump (1.5 L/h) <b>Supplied with installation kit</b>
<b>DPRB-PH</b>	pH controller with peristaltic pump (3.5 L/h) <b>Supplied with installation kit</b>
<b>DPRA-RX</b>	ORP (redox) controller with peristaltic pump (1.5 L/h) <b>Supplied with installation kit</b>
<b>DPRB-RX</b>	ORP (redox) controller with peristaltic pump (3.5 L/h) <b>Supplied with installation kit</b>

Installation kit: two DN 50 brackets, probe holder, pH or Rx electrode, buffer solutions foot filter, suction and delivery tubes and non-return valve

## POOL pH/RX



System for the regulation of pH or ORP (redox) in the pools with peristaltic pump.

Pump flow rate: 1.5 L/h or 3.5 L/h  
 Measuring ranges: **pH** 0.00 ÷ 14.00 (pH)  
                           **ORP** 0 ÷ 1000 (mV)

Size: 200 x 200 x 130 mm

Code	Description
<b>PoolpHA</b>	pH controller with peristaltic pump (1.5 L/h) <b>Supplied with installation kit.</b>
<b>PoolpHB</b>	pH controller with peristaltic pump (3.5 L/h) <b>Supplied with installation kit.</b>
<b>PoolRxA</b>	ORP (redox) controller with peristaltic pump (1.5 L/h) <b>Supplied with installation kit.</b>
<b>PoolRxB</b>	ORP (redox) controller with peristaltic pump (3.5 L/h) <b>Supplied with installation kit.</b>

Installation kit: two DN 50 brackets, probe holder, pH or Rx electrode, buffer solutions foot filter, suction and delivery tubes and non-return valve

## Series CONTROL PR



System for the regulation of pH and ORP (redox) in the pools without pumps

Display: 2x16 LCD with backlight

Measuring ranges: **pH** 0.00 ÷ 14.00 (pH)  
**ORP** 0 ÷ 1000 (mV)

Size: 200 x 200 x 130 mm

Code	Description
<b>ControlpHRX</b>	pH and ORP (redox) controller without pumps <b>Supplied with installation kit.</b>
Installation kit:	four DN 50 brackets, 2 probe holders, pH and ORP electrodes, buffer solutions.

## Series PMD



System for the regulation of pH and ORP (redox) or pH and Chlorine or in the pools with two solenoid metering pumps.

Pump flow rate: 5 L/h (pH) and 5 L/h (ORP and chlorine)

Display: LCD graphics with backlight

Measuring ranges: **pH** 0.00 ÷ 14.00 (pH)  
**ORP** 0 ÷ 999 (mV)  
**Cl** 0 ÷ 20.00 (PPM)

Code	Description
<b>PMD-PH-RX</b>	pH-ORP (redox) system with two solenoid metering pumps <b>Installation kit and electrodes NOT included.</b>
<b>PMD-PH-CL</b>	pH-CL system with two solenoid metering pumps <b>Installation kit and electrodes NOT included.</b>

## POOL-M1



Proportional control of pH and chlorine and / or Redox.

- Graphic display
- Solenoid metering pumps
- Water filter

Measuring ranges:     **pH**     0,00÷14,00  
                               **Redox**  0÷1000 mV  
                               **Cl**     0÷20,00 PPM

Code	Description
<b>PMD-PH/RX/T</b>	Complete panel pH, Rx and temperature
<b>PMD-PH/CL/T-SCM</b>	Complete panel pH and chlorine (amperometric Pt- Cu probe)
<b>PMD-PH/CL(T-SLO</b>	Complete panel pH and chlorine (membrane probe)
<b>PMD-PH+Salt</b>	Complete panel pH, Rx and temperatura + Salt electrolysis output (230VAC / 5A) or solenoid valve

## POOL-M2



Proportional control of pH and chlorine and / or Redox.

- TFT colour graphic display
- Solenoid metering pumps
- Water filter
- Wi-Fi connection
- App for Android and Apple

Measuring ranges:     **pH**     0,00÷14,00  
                               **Rx**     0÷2000 mV  
                               **Cl**     0,00÷20,00 PPM

Code	Description
<b>M05-PH/RX/T</b>	Complete panel pH, Redox (ORP) and temperatura
<b>M05-PH/CL/T-SCM</b>	Complete panel pH and chlorine (amperometric Pt- Cu probe)
<b>M05-PH/CL(T-SLO</b>	Complete panel pH and chlorine (membrane probe)

## POOL-M3



Manages two pools simultaneously or multiple parameters on one pool. The M30 is an instrument capable of simultaneously controlling 6 channels, chosen from several parameters:

- pH
- Redox (ORP)
- Free chlorine
- Turbidity
- Conductivity
- Oxygen
- Temperature (present regardless of configuration)

Large 7 "colour touch display (800 x 480)

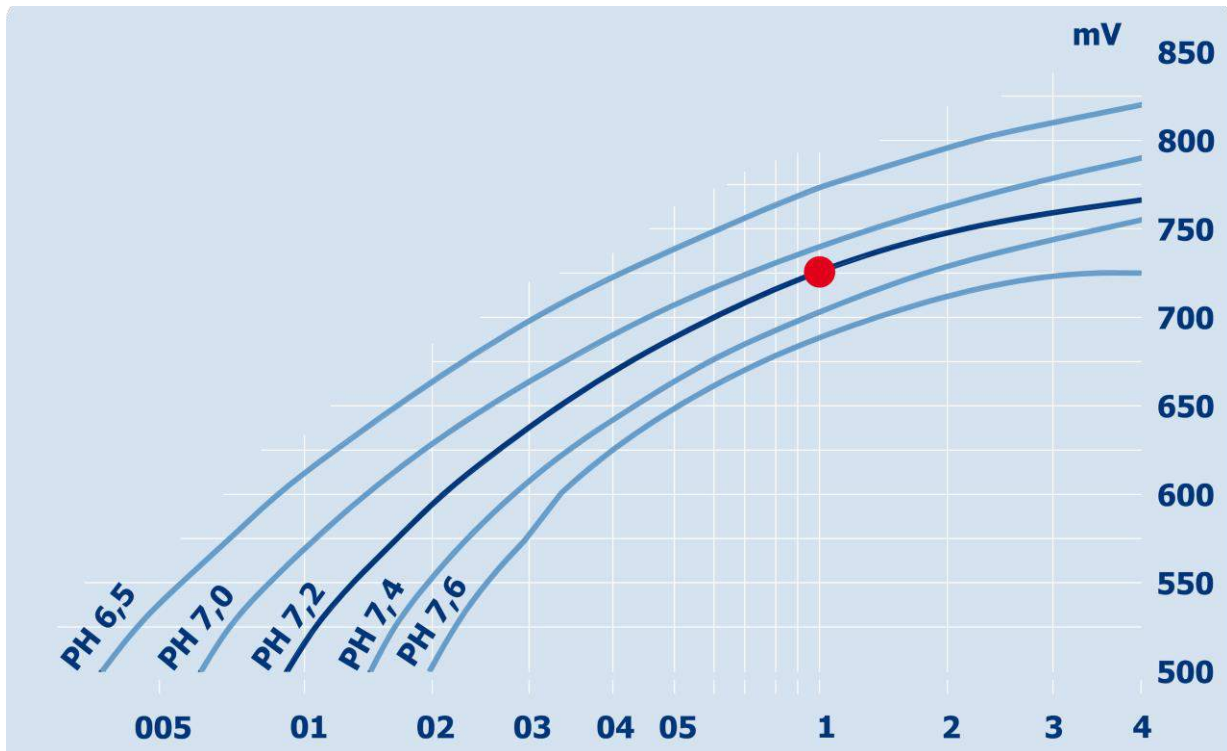
**Wi-Fi** connection, single band, 2.4 GHz IEEE 802.11 / G

Code	Description
<b>M30</b>	Complete panel



## SPARE PARTS

Code	Description
SCLO-S	3 measures. Copper/platinum. Range 0.00-5.00 PPM.
6086-40X12	Bracket 40 x ½"
6086-50X12	Bracket 52 x ½"
6086-63X12	Bracket 63 x ½"
SEM8025	Complete roller holder
SEM8054	Delivery hose in PE 4 MT
2026	Foot filter with leap valve
SEM8088	Injection valve with leap seals ½"
3020	Motor for 6 L/h
3016	Motor for 1.5 or 4 L/h
212 101 11	Out-flow probe holder
9132P	Polycarbonate for DPR
9134	Polycarbonate for DST
9098	Polycarbonate for series POOL 10 e POOL 20
P9097	Polycarbonate for series POOL 30
P9076	Polycarbonate for series POOL pH/Rx
SEM8087	Probe holder for in-flow bracket ½"
2402	Pump head for POOL PH/RX Grey colour
SEM8112	Pump plastic cover
SEM8005	Santoprene peristaltic hose

## pH – ORP – Chlorine comparison table



## pH and ORP electrodes

Code	Type	Model	Measure	Range	Temperature	Pressure max.	Cable connection	MATERIAL
32105219		EPH1	pH	0...14 pH	0...60°C	4 Bar	Bnc+ 3mm cable (1 m.)	Plastic
32105319		ERX1	ORP	+/- 1000 mV	0...60°C	4 Bar	Bnc+ 3mm cable (1 m.)	Plastic
32105009		EPH5	pH	0...14 pH	0...60°C	6 Bar	Bnc+ 3mm cable (5 m.)	Plastic
32105109		ERX5	ORP	+/- 1000 mV	0...60°C	6 Bar	Bnc+ 3mm cable (5 m.)	Plastic
32350029		EPH57	pH	0...14 pH	0...60°C	6 Bar	S7 - PG13.5	Glass
32350039		ERXS7	ORP	+/- 1000 mV	0...60°C	6 Bar	S7 - PG13.5	Glass
32385221		EPH57-HT	pH	0...14 pH	0...100°C	2 Bar	S7 - PG13.5	Glass - Gelpres

## BNC-S7 cables for electrodes

Code	Description
	Cable 1 m.
	Cable 5 m.
	Cable 10 m.
	Cable 15 m.

## Pool analysis kit



Mini kit for chlorine and pH measuring supplied in tablets

Code	Description
<b>18000103</b>	Analysis Kit in tablets
<b>18000333</b>	pH red phenol box 100 tablets
<b>18000323</b>	DPD1 chlorine box 100 tablets

## Buffer solutions



Buffer solutions for calibration of pH and ORP electrodes

Code	Description
<b>32383123</b>	pH 4.0 - 75ml
<b>32383133</b>	pH 7.0 - 75ml
<b>32383143</b>	pH 9.0 - 75ml
<b>32383103</b>	650 mV - 75ml
<b>32383173</b>	pH 4.1 - 250 ml
<b>32383183</b>	pH 7.0 - 250 ml
<b>32383193</b>	pH 9.0 - 250 ml
<b>32383223</b>	475 mV - 250 ml

## Pocket controllers

Code	Description
	<b>50014013</b> ECO portable pH meter. <b>Measuring range pH 0.0 ... 14.0 (resolution 0.1 pH)</b> . With ATC (automatic temperature compensation), fix electrode.
	<b>50014053</b> <b>pH 5 Tester ECOPACK</b> - 0,01 pH resolution, with ATC (automatic temperature compensation), mV for electrode quality test, °C/°F, replaceable sensor.
	<b>50014153</b> <b>COND 1 Tester ECOPACK</b> , Cond (0,01 µS...200 mS) and TDS (0,01 ppm...199,9 ppt), with ATC (automatic temperature compensation), fix electrode,
	<b>50014203</b> COND 5 Tester ECOPACK - Cond (0,01 µS...200 mS), TDS (0,01 ppm...199,9 ppt), Salinity (0,1 mg/l...100,0 g/l), °C/°F, replaceable sensor.
	<b>50014313</b> <b>ORP 5 Tester KIT</b> - ORP (-1000 / + 1900 mV) with customer calibration point, °C/°F, replaceable sensor.
	<b>50014143</b> <b>pX 4 Tester KIT</b> - 0,01 pH resolution, ORP (-1000 / + 1900 mV), mV for electrode quality test, ORP with customer calibration point, °C/°F, replaceable sensor, in carton case, accessories and quick guide included
	<b>50014253</b> <b>PC 5 Tester ECOPACK</b> - 0,01 pH resolution, mV for electrode quality test, Cond (0,01 µS...200 mS), TDS (0,01 ppm...199,9 ppt), Salinity (0,1 mg/l...100,0 g/l), °C/°F, replaceable sensor, in carton box, batteries and quick guide included
<b>85110603</b>	DPD1 chlorine box 100 tablets
<b>85110803</b>	DPD3 chlorine box 100 tablets
<b>85112203</b>	DPD4 chlorine box 100 tablets
<b>85117703</b>	pH red phenol box 100 tablets