

**POOL DOSING SYSTEM  
MODULAR PANEL**

**A-POOL SYSTEM PH-RX**

**Technical Data Sheet  
A-POOL SYSTEM Series**



**PANEL KEY FEATURES**

Complete Pool Panel with proportional control of PH and redox (ORP) comprises

- 1 AQUAPOOL PH/RX dosing pump system PVDF-PTFE-VT
- Modular probe holder ( code ADCG6F) with pre-filter, water check valve and flow sensor
- pH and Redox (ORP) electrodes
- Buffer solutions
- 2 Low level switches

**A-POOL SYSTEM PH/CL**

Code	Model	Flow-Rate (l/h)	Pressure (bar)	Kg	Watt	Dimension (mm)	Single Box (mm)
ADPS100	A-POOL SYSTEM PH-RX	5-5	5-5	10	35	500 x 600 x 200	700 x 650 x 300
ADSP101	A-POOL SYSTEM PH-RX	10-10	4-4	10	45	500 x 600 x 200	700 x 650 x 300

**Solenoid driven dosing pump model  
AQUA POOL PH/RX PVDF-PTFE-VT**

**PUMP KEY FEATURES**



- Twin Solenoid dosing pump with built pH and redox analysers for proportional dosing of Acid and Alkaline products for pH correction and chlorine
- Pump supplied complete with insertion pipe work, adaptors and BNC connectors
- pH measuring range: from 5.0 to 9.0 pH
- Free chlorine measuring range: from 0 to 999 mV.
- Multifunction display and Digital controls
- Additional Relay for alarm repetition or for connection to salt chlorinator with independent Set Point (MAX 230V 5AMP.)
- Reinforced PBT housing
- Buzzer alarm, password protection
- Connection for 2 low level switches, flow sensor and temperature probe. R485.
- Wall mounting
- PVDF Pump Head, PTFE Double Ball Valves, PVDF Foot Filter and Injection valve
- 2 different menu for User and Installer
- Simple, silent and compact

**TECHNICAL CHARACTERISTICS**

Model	Flow-Rate (l/h)	Pressure (bar)
AQUA POOL PH-CL	5-5	5-5
AQUA POOL PH-CL	10-10	4-4

Model **AQUA POOL pH/RX** model is **pH** and **redox(orp)** analyser and solenoid driven dosing pump all combined in one enclosure. The pump is provided with pH and redox electrodes, in-line electrode holders, buffer solutions.

**AQUA POOL pH/Rx** is a proportional solenoid driven dosing pump, is supplied standard with PTFE diaphragm, PTFE balls and Viton seals and the pump operate at 150 strokes/minute.

User-friendly controls and display allow simple programming whilst solenoid pump flow rates operate proportionally according to the pH and redox meter signals.





## Panel Standard kit



<b>STANDARD KIT SUPPLIED WITH:</b>				
<b>1</b>	A-POOL SYSTEM PH/RX			
<b>2</b>	Buffer Solutions: (bottle of 75 ml)	<ul style="list-style-type: none"> <li>- <b>ADSPH4</b> pH 4</li> <li>- <b>ADSPH7</b> pH 7</li> <li>- <b>ADSRX</b> Rx 475 mV</li> </ul>		
<b>3</b>	Injection Pipe			
<b>4</b>	Discharge Pipe			
<b>5</b>	Suction Pipe			
<b>6</b>	Probe	Model <b>A-pH1</b> <b>A-Rx 1</b>	Cable  <b>1 m</b>	<b>Complete pH / RX electrode</b> <b>Coaxial cable</b> <b>Epoxy body</b> <b>Max pressure 5 bar</b> <b>Max temperature 40°C</b>
<b>9</b>	2 No Injection fittings			
<b>10</b>	2 No Foot Filters			
<b>11</b>	2 No Fittings MG ½"			

**Each AQUA-POOL series pump is provided with accessories Kit:**

- 2 - Injection Valve, hastelloy spring, ball Pyrex
- 2 - Foot Valve/Filter
- 4 m - Discharge Hose PE 4X6

- 4 m - Suction and air bleed Hose PVC flexible 4X6
- 2 - Level probe switch
- Power supply: **230 Vac-1 phase- 50/60 Hz / ± 10%**
- Electrode connector: **BNC type**

	<b>Model</b> <b>(Components listed opposite)</b>  <b>ADSPM01233</b>	<b>Modular Probe-Holder</b> Range: 0-5 ppm Pressure max 3 bar Temperature 5-60°C Flow-rate 40-50 l/h Flow regulation, water check valve, pH/Rx/T probe facility, protection filter, Adjustable flow sensor.	    	<b>Module with:</b> <ul style="list-style-type: none"> <li>• pre-filter ( 430 micron)</li> <li>• Flow Sensor</li> <li>• Water check</li> <li>• Temperature connection</li> </ul>
			<b>Module for pH electrode</b>	
			<b>Module for RX electrode</b>	

	<b>Models</b>  <b>A-pH-1</b> <b>A-Rx-1</b>	<b>Combination pH and redox electrodes</b> <b>Coaxial cable &amp; Epoxy body</b> <b>Max pressure 5 bar</b> <b>Max temperature 40°C</b> <b>Bonded cables</b>	  <b>75 ml bottles</b>	<b>Model</b>  <b>A-SPH4</b> <b>A-SPH7</b> <b>A-SRX</b>	<b>Buffer solution pH 4</b> <b>Buffer solution pH 7</b> <b>Buffer solution 475mv</b>
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Power supply: **230 Vac-1 phase- 50/60 Hz / ± 10%**  
 Panel dimensions mm: **600 x 650 x 200**  
 Single box dimensions mm: **700x650x300**

Panel material: **ABS/PMMA with anti UV protection**  
 Electrode connector: **BNC type**  
 Power cable: **2 m grounded with plug**



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