

“WNPHRH / WNPCL / WNPSPS”



CE
R021125

WNPxx is a programmable instrument equipped with two solenoid dosing pumps for dosing acid (pH) and disinfectant (ORP), free chlorine (Cl) with temperature reading and free chlorine (potentiostat probe). Suitable for installation in swimming pools, this instrument allows monitoring of essential water parameters. On/Off, Proportional and Auto Dosing working modes based on setpoints value. Suitable for installation in swimming pools, this instrument allows the monitoring of fundamental water parameters. Three working modes: On/Off, Proportional and Auto Dosing according to the set setpoints.



- Large viewing capacity backlit LCD screen*
- “Encoder” knob for controlling the instrument
- 2 solenoid dosing pumps (magnetic)
- Flow control input
- pH scale: 0-14 pH
- Redox scale (WNPHRH model only): 0-999 mV
- Chlorine scale (WNPCL model only): 0-10 mg/l Cl₂
- Chlorine probe (WNPCL model only): ECL6; ECL12
- Potentiostat probe (WNPSPS model only): EPS
- Chlorine scale potentiostat probe (WNPSPS model only): 0-5 mg/l Cl₂
- AUTO DOSING function
- Pool volume setting
- Exit timer
- Temperature reading: 0-100°C
- Alarms: maximum dosage, damaged probe, level, mains voltage, no flow
- Digital inputs settable N.O. or N.C.
- Delayed start of dosing (max 60 minutes)
- Setting the priority of pH dosing with respect to Redox
- Probe check-up
- pH compensation
- Permanent data storage with system log viewable on the display
- Bluetooth LE / WiFi 2.4Ghz connection for “MY EMEC” and ERMES APP
- Upgradeable firmware (via ERMES)
- Prepared for sending alarm SMS (option on request)
- Ethernet connection for sending alarm emails (option on request)
- Data log on USB device (option on request)
- Power: 100-240 VAC; 50/60 Hz

Inputs:

- Standby
- Flow
- pH level
- Redox or Chlorine level
- pH probe
- Redox or Chlorine probe
- Temperature probe
- Power Supply

Outputs:

- pH pump output
- Redox or Chlorine pump output
- Alarm contact output

Display Color Status:



*The display background changes color based on the operating situation:

- GREEN: Normal operation
- YELLOW: Attention
- RED: Alarm
- WHITE: Standby

Models

bar	l/h	cc/s	Hose		Pump Head		
			injection	suction	model	Ø mag.	fitting
7	6	0,55	4x6	4x6	K	60	3/8"
5	1	0,09	4x6	4x6	J	60	3/8"
3	10	0,93	4x6	4x6	K	60	3/8"

