

Smart Control Series

Vers. 20032013

Control y Dosificación / Control and Dosage



Smart Control pH ORP (mV) Cl₂ (ppm)
T(°C) mS/cm

Smart Control , el control multiparamétrico inteligente

Smart Control , the intelligent multiparametric control

VENTAJAS / ADVANTAGES

- Pantalla táctil. 6 Idiomas.
- Exportación del histórico por puerto USB. (pH,ORP,ppm,°C, mS/cm)
- ColorTouch screen.
- Log export through USB port. (pH,ORP,ppm,°C, mS/cm)

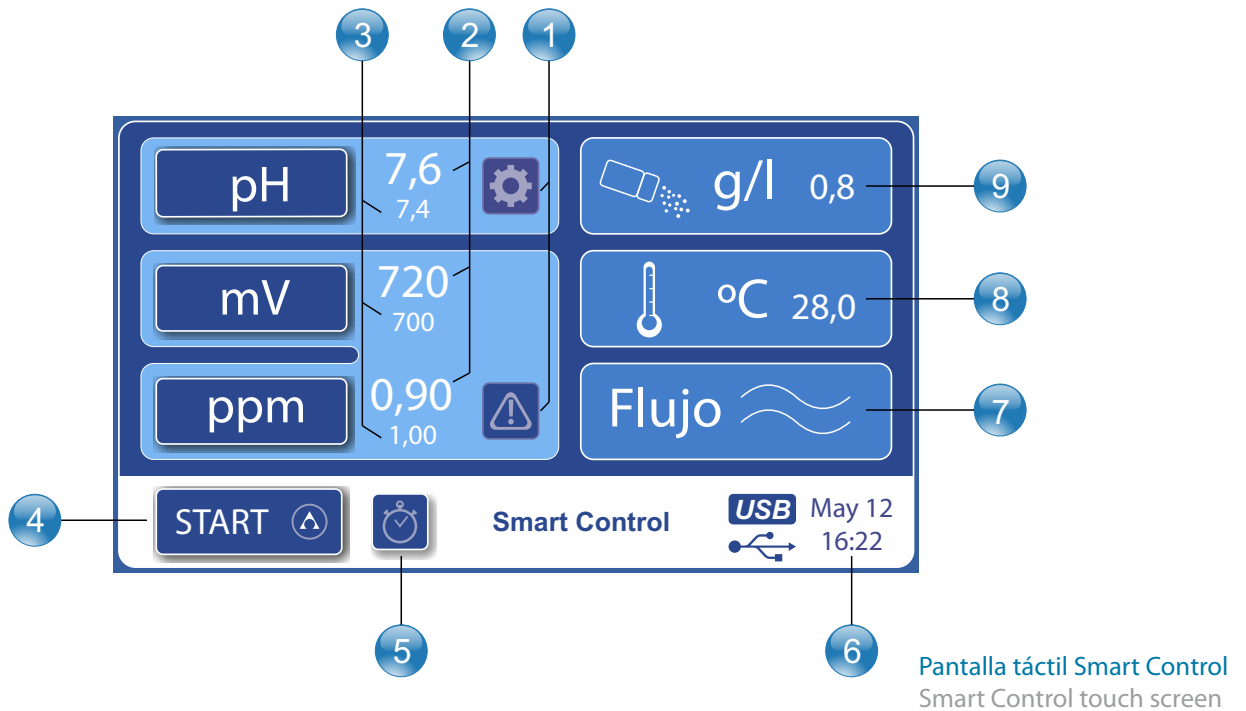
DESCRIPCIÓN

- Panel pre montado y pre cableado.
- Control de niveles de tanques.
- 8 Salidas de control: pH, ORP/ppm, alarma y 5 salidas de temporizadores diarios programables (Iluminación, motores etc.).
- 6 Entradas libre de potencial: pH, ORP/ppm y 4 entradas disponibles.
- Indicador luminoso de estado:

DESCRIPTION

- Pre mounted and wired panel.
- Tank Levels Control.
- 8 Control outputs: pH,ORP/ppm, alarm and 5 programmable timer outputs (lighting, motors, etc.).
- 6 Control Inputs (free potential): pH, ORP/ppm and 4 available inputs.
- Backlighted sensor holder (blue/red)

Smart Control Series



PANEL DESCRIPTIVO / PANEL DESCRIPTION

1. Iconos informativos (bomba, nivel, alarmas...).
Informative icons (pump, level, alarms...).

2. Valor de lectura / Water Values:
pH / ORP / Cl2 (ppm)

3. Valor de consigna / Setpoint values:
pH / ORP / Cl2 (ppm)

4. Menú de configuración / información (6 idiomas).
Setup menu / setup information menu (6 languages).

5. Cinco temporizadores diarios programable (bombas, foco, riego, ...)
Five pool programmable timers (pumps, light, irrigation, ...)

6. Hora / día / mes / año. Calendario.
Hour / day / month / year. Calendar.

7. Sensor inductivo (flujo).
Inductive sensor (flow).

8. Valor de temperatura (°C/°F).
Temperature value

9. Valor de conductividad (gr/L, mS/cm).
Conductivity value.

Smart Control Series

Codigo-Code



Smart Control pH / ORP (mV) 54523

Smart Control pH / Cl (ppm) 54524

Smart Control pH / ORP / Cl (ppm) 54525

54523
pH / ORP

54524
pH / Cl2 (ppm)

54525
pH / ORP / Cl2 (ppm)

Smart Control Series



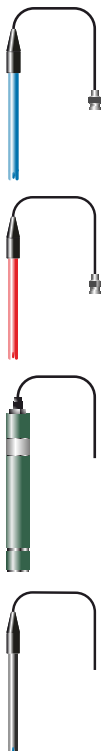
Panel de Control / Control Panel

Modelo / Model

Descripción / Description	pH/ORP	pH/Cl	pH/ORP/Cl
Alimentación (ac) - Consumo / Input (ac) - Consumption	230 V 50/60 Hz - 27 W		
Parámetros / Parameters	pH, ORP mS/cm, T(°C)	pH, Cl ₂ (ppm) mS/cm, T(°C)	pH, ORP, Cl ₂ (ppm) mS/cm, T(°C)
Salidas control / Control outputs	pH: rele (NO, 0.5A max) & 4-20mA & pulsos / relay (NO, 0.5A max) & 4-20mA & pulse ORP, Cl ₂ : rele (NO, 0.5A max) & 4-20mA & pulsos / relay (NO, 0.5A max) & 4-20mA & pulse 5 Temporizados / 5 Timers: 5 x (salida rele / relay output (NO, 0.5A max)) Alarm: salida rele / relay output (NO, 0.5A max)		
Entradas control / Control Inputs	6 libres de potencial (nivel liquido: pH / ORP o Cl ₂ (ppm) / +4) 6 free potential (solutions levels: pH / ORP or Cl ₂ (ppm) / +4)		
Rango / Control / Precisión Range / Control / Precision	pH: 0.0 - 9.9 / 7.0-7.8 / 0.1pH ORP: 0 - 999 / 650-850 / 1mV Cl ₂ (ppm): 0.0 - 5.0 / 0.0-3.0 / 0.1 ppm Conduct. mS/cm: 0.0-20.0 / 0.0-20.0 / 0.1 Temp. T(°C): 6-45°C / 6-45° / 0.1°C		
Calibración / Calibration	Automática (fácil calibración mediante menús pantalla táctil) Automatic (easy calibration using touch screen menus)		
Bomba integrada / Integrated pump	No		
Pantalla táctil color / Color Touch Screen	Si / Yes		
Adquisición datos / Data acquisition	pH, ORP, Cl ₂ (ppm), Conductivity, Temperature (14 días/days)		
Puerto USB / USB Port	Exportación de ficheros de registro / USB log files export		
Portasondas retroiluminado / Backlighted sensor holder	Si (azul OK, rojo alarma) / Yes (blue OK, red alarm)		
Modbus Compatible	Opcional / Optional		

Sensores / Sensors

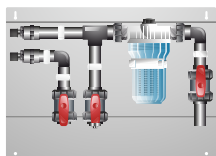
Descripción/Description



pH:	Sonda de pH, H-035 cuerpo epoxy 12x150 mm, rango 0-14 pH, 0-80°C, unión sencilla Ag/AgCl sellada, cable 3 mts., conector BNC, electrolito gelificado, protector de sonda fijo. Disoluciones de calibración (pH 7.0 y 4.0).	H-035, pH electrode, epoxy body 12x150 mm, range 0-14 pH, 0-80°C, sealed union Ag/AgCl, 3 mts., cable with BNC connector, gelified electrolyte, fixed sensor protector. Calibration solutions (pH 7.0 y 4.0).
ORP:	Sonda de ORP, RX-1/RX-2, cuerpo epoxy 12x150 mm, 0-80°C, unión sencilla Ag/AgCl sellada, cable 3 mts., conector BNC, electrolito gelificado, protector de sonda fijo. Disoluciones de calibración (ORP 470 mV).	RX-1/RX-2 ORP electrode, epoxy body 12x150 mm, 0-80°C, sealed union Ag/AgCl, 3 mts., cable with BNC conector, gelified electrolyte, fixed sensor protector. Calibration solutions (ORP 470 mV).
Cl ₂ (ppm):	0-5.0 ppm, 4-20mA. Sensor 3 electrodos potencioestático: cloro libre inorganico & organico. 2-cables de conexión, 0-45C, <1bar, cuerpo PVC. Baja dependencia con el pH, isocianúrico compatible. Compensación automática de temperatura.	0-5.0 ppm, 4-20mA. Potentiostatic 3-electrode-sensor for free inorganic & organic Chlorine, 2-wire connection, 0-45C, <1bar, PVC body. Low pH dependence, isocyanuric compatible. Automatic temperature compensation.
mS/cm - T(°C):	Electrodo de conductividad, cuerpo ABS 12x120mm, grafito K=1. NTC 10K, elemento de temperatura en tubo de inoxidable 316. Conexión cable.	Conductivity electrode , ABS body 12x120mm, Grafite, K=1. NTC 10K temperature element in 316 SS tube. Cable tinned leads.

Kit Smart Control

Incluido / Included (Smart Control)



Toma de muestras, pre-filtro (80 micras), entrada y salida a PR.

Sample valve, pre-filter (80microns), in & out PR.

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Dimensiones / Dimensions

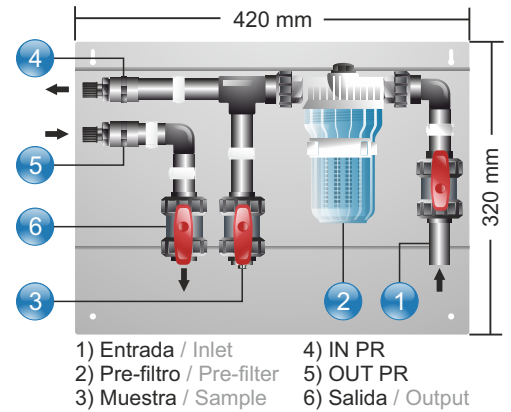
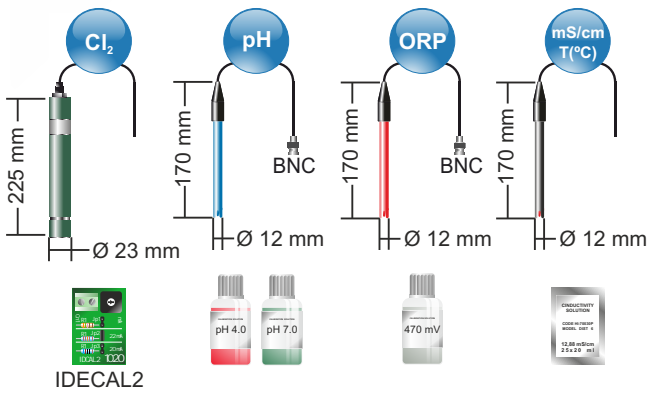
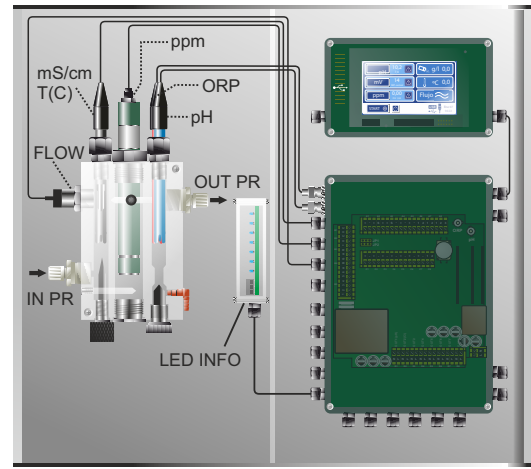
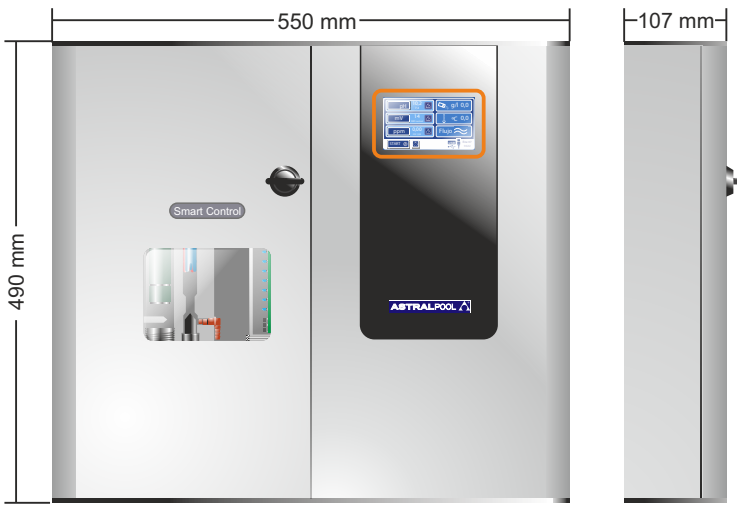


Diagrama de instalación / Installation Diagram

