

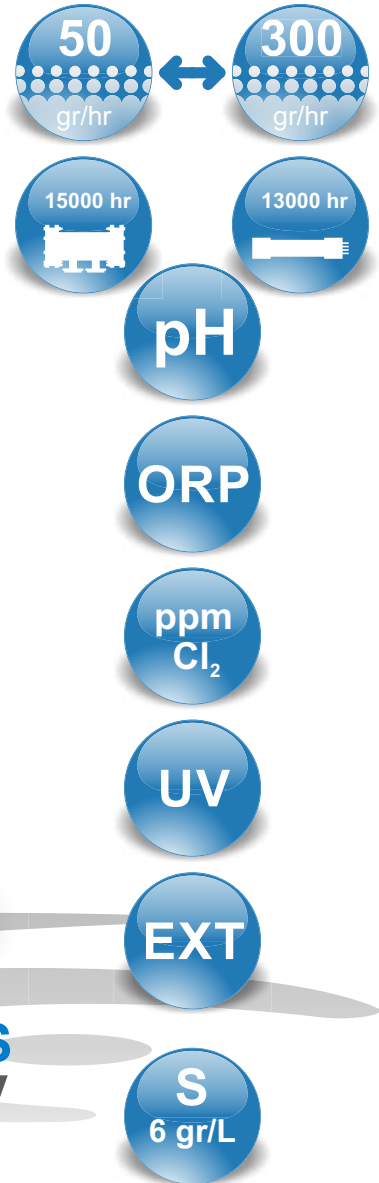
Serie Neolysis S

Neolysis S Series

PoolStation®
compatible



neolysis S
Electrolysis x UV
patent pending



Neolysis, el tratamiento más avanzado de Idegis.
+ Sostenibilidad + Desinfección
+ Innovación + Salud

The most advanced treatment of Idegis.
+ sustainability + disinfection + safety
+ super water quality + innovation + health

VENTAJAS / ADVANTAGES

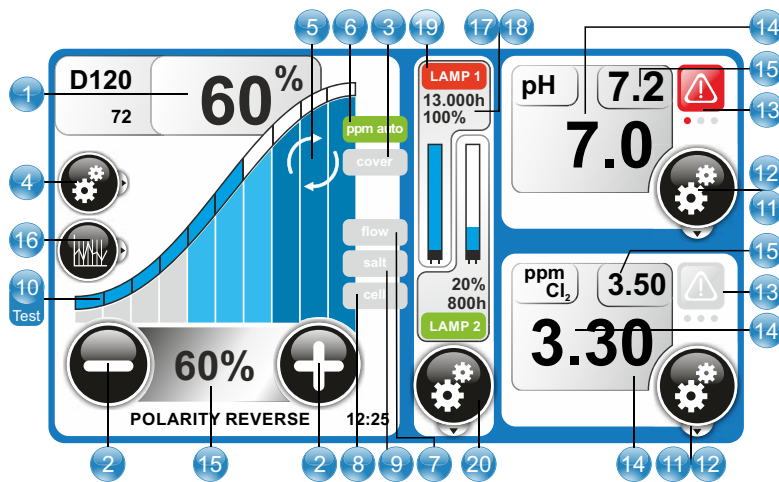
- Baja sal: 4 ... 6 gr/L
 - Doble desinfección: UV + Electrolisis
 - Máxima calidad de agua
-
- Low salt: 4 ... 6 gr/L
 - Dual disinfection: electrolysis and UV.
 - High quality water.

DESCRIPCIÓN

- Máxima capacidad reducción de cloraminas (UV LP + Electrolisis)
- Electrodo serie S (15.000h) y Lámparas UV LP HO (13.000hrs).
- Neolysis S: UV & Electrolisis Baja Sal.
- Nuevo Proceso (patent pending)

DESCRIPTION

- High capacity chloramines reduction (UV LP + Electrolysis)
- Electrodes S Series (15.000hr) and UV Lamps LP HO (13.000hrs).
- Neolysis S: UV & Electrolysis Low Salt.
- New Process (patent pending)



PANEL DESCRIPTIVO / PANEL DESCRIPTION


- | | |
|---|---|
| <ol style="list-style-type: none"> 1. Escala de producción (%). Production Scale (%). 2. Teclas \blacktriangle aumentar / disminuir producción. Keys \blacktriangle increase / decrease output. 3. Indicador control cubierta automatica activado Indicator of activated automatic cover control. 4. Configuración del sistema. System configuration. 5. Indicadores auto-limpieza (polaridad directa/inversa). Self-cleaning indicators (direct/reverse polarity). 6. Indicador control ORP (Cl₂) activado (modo auto). Indicator of activated ORP (Cl₂) control (auto mode). 7. Indicador de Alarma de FLUJO Indicator of Flow alarm. 8. Indicador de alarma de celula pasivada. Indicator of electrode passivation alarm. 9. Indicadores de salinidad alta y baja. Indicators of high and low salinity. 10. Escala de salinidad (Cualitativa). Salinity scale (qualitative). 11. Teclas para modo calibracion pH/ORP(Cloro). Keys for calibration mode pH/ORP(Chlorine). | <ol style="list-style-type: none"> 12. Tecla para programar el valor de pH/ORP(Cloro) deseado. Key for pH/ORP(Chlorine) setpoint programming. Indicación del valor de pH/ORP(Cloro) programado. Display of the pH / ORP(Chlorine) setpoint. 13. Indicador de alarma pH/ORP(Cloro) bajo. Indicator of low pH / ORP (Chlorine) alarm. Indicador de alarma pH/ORP(Cloro) alto. Indicator of high pH / ORP (Chlorine) alarm. 14. Pantalla de indicación del valor de pH/ORP(Cloro) del agua. Display of water pH / ORP (Chlorine) 15. Setpoints. Setpoints. 16. Históricos. Log. 17. Horas en servicio de la lampara UV. UV Service Life (hours). 18. Tiempo de vida (%) UV. UV ServiceTime (%). 19. Indicador de lampara UV en funcionamiento. Lamp On indicator. 20. Configuracion UV. UV configuration. |
|---|---|

Neolysis S Series

Referencia-Reference

Producción-Production

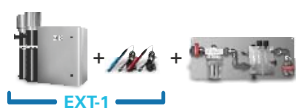
Piscina-Pool

| Electrolysis UV | Electrolysis UV pH/ORP (EXT-1) | Electrolysis UV pH/Cl ₂ (ppm) (EXT-2) | Neolysis | Consulte guía de selección |  Optional: Kit MODBUS RTU |
|-----------------|-----------------------------------|---|--------------------------------------|----------------------------|--|
| Neo-50 | Neo-50 pH/ORP | Neo-50 pH/Cl | 50 gr Cl ₂ /hr + 75W UV | Refer to selection guide | |
| Neo-80 | Neo-80 pH/ORP | Neo-80 pH/Cl | 80 gr Cl ₂ /hr + 90W UV | | |
| Neo-120 | Neo-120 pH/ORP | Neo-120 pH/Cl | 120 gr Cl ₂ /hr + 180W UV | | |
| Neo-180 | Neo-180 pH/ORP | Neo-180 pH/Cl | 180 gr Cl ₂ /hr + 270W UV | | |
| Neo-300 | Neo-300 pH/ORP | Neo-300 pH/Cl | 300 gr Cl ₂ /hr + 360W UV | | |

Opcional/Optional EXT-1E



Electrolysis + UV



Electrolysis + UV + pH/ORP



Electrolysis + UV + pH/Cl₂(ppm)

EXT-1E
Portasondas opcional.
Probe holders optional.

Serie Neolysis S

Neolysis S Series



Neolysis Control

Modelo / Model

| Descripción/Description | 50 | 80 | 120 | 180 | 300 |
|---|--|-------------|--------------|-----------------------|-----------|
| Tensión de servicio / Input voltage | 230 VAC 50/60 Hz. | | | 380/400 VAC 50/60 Hz. | |
| Consumo / Consumption (A ac) | 1.5 A | 2.4 A | 3.9 A | 2.2 A | 3.6 A |
| Fusible / Fuse | 5 AT 6x32mm | 7 AT 6x32mm | 10 AT 6x32mm | K10 | K20 |
| Salida / Output (A dc) | 2 X 25 A | 2 X 40 A | 2 X 65 A | 2 X 90 A | 2 X 150 A |
| Producción / Production (gr Cl ₂ /hr) | 40...50 | 65...80 | 110...130 | 150...180 | 250...300 |
| m ³ Piscina / Pool | Consultar guía selección / Consult selection guide | | | | |
| Salinidad (baja sal) / Salinity (low salt) | 6 gr./l. (rango operativo / operative range: 5 - 10 gr./l.) | | | | |
| Temperatura ambiente / Room temperature | max. 40°C | | | | |
| Envolvente / Enclosure | Metal | | | | |
| Inversión polaridad / Polarity reversal | 2 h., 3 h. y TEST (menu config.) / 2 h., 3 h. and TEST (config menu) | | | | |
| Control producción / Production control | 0-100% | | | | |
| Detector de flujo (gas) / Flow Sensor (gas) | Sí / Yes | | | | |
| Detector flujostato/inductivo / Flow-switch/inductive sensor | Opcional / Optional | | | | |
| Control Producción por cobertor / Production Control by cover | Sí / Yes | | | | |
| Control Producción Externo / External Production Control | Sí / Yes | | | | |
| Diagnos. Electrodo / Check cell function | Sí / Yes | | | | |
| Paro seguridad pH / Pump Stop | Sí, config. soft. 1 ... 99 min. / Yes, soft. config. 1 ... 99 min. | | | | |
| Test salinidad (cualitativo) / Salinity test (qualitative) | Sí / Yes | | | | |
| Indicador Alarma sal / Salt alarm indicators | Sí / Yes | | | | |
| Menú Conf. Sistema / Setup menu | Display TFT color / TFT color display | | | | |
| Control RS485 / Control RS485 (Modbus) | Opcional / Optional | | | | |
| Históricos / Logs | Sí / Yes | | | | |

Célula de Neolysis

Modelo / Model



| Descripción/Description | 50 | 80 | 120 | 180 | 300 |
|---|---|------------------|------------------|------------------|-------------------|
| Electrodos (titanio activado autolimpiante) / Electrodes (self-cleaning titanium activated) | S : 15.000 hr | | | | |
| Caudal mín. / Flow min. (m ³ /h) | 8 | 14 | 20 | 30 | 50 |
| Número de electrodos / Number of electrodes | 8 | 12 | 14 | 12 | 18 |
| Número de lamparas UV / Number of UV lamps | 1x75W (25W UV-C) | 1x90W (30W UV-C) | 2x90W (60W UV-C) | 3x90W (90W UV-C) | 4x90W (120W UV-C) |
| Lamparas-Horas / Lamps-Hours | 1/13.000 h. | | 2/13.000 h. | 3/13.000 h. | 4/13.000 h. |
| Material - Conex. a tubería / Line connection | Polietileno / Polyethylene - Brida / Flange D90 | | | | |
| P (Kg./cm ²) / T (°C) máx. | 3 Kg/cm ² / 15 - 40°C máx. | | | | |

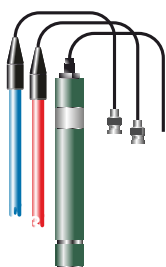
Extensiones / Extensions

EXT-1, EXT-2, EXT-1E

| | |
|------------------------------|---|
| EXT-1 | Extensión control pH-ORP integrado / Integrated pH-ORP control extension |
| EXT-2 | Extensión control pH-cloro integ. + kit portasondas / Integ. pH-chlorine control ext. + sensor holder kit |
| EXT-1E (Opcional / Optional) | Ext-1 + kit portasondas (57769) / Ext1 + sensor holder kit (ref 57769) |

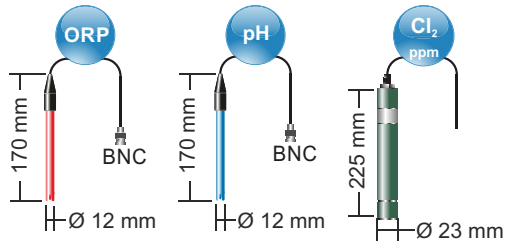
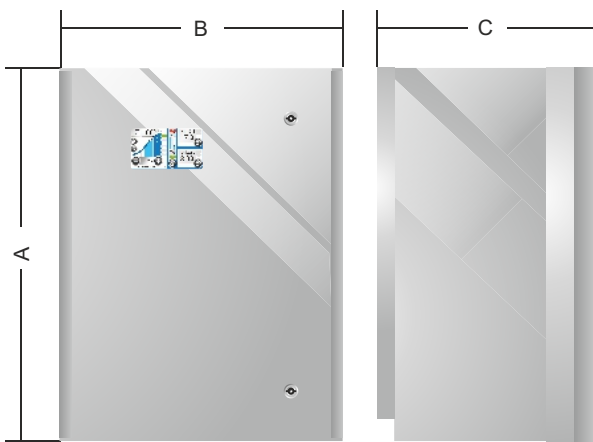
Sensores de pH/ORP/ppm Cl₂ / pH/ORP/ppm Cl₂ sensors

| Descripción / Description | pH/ORP (EXT-1) | pH/ORP+57769 (EXT-1E) | pH/ppm Cl ₂ (EXT-2) |
|---|--|-----------------------|--------------------------------|
| Rango de media / Measure range | 0.0 - 9.9 (pH) / 0 - 999 mV (ORP) / 0 - 5.0 (ppm Cl ₂) | | |
| Rango de control / Control Range | 7.0 - 7.8 (pH) / 600 - 850 mV (ORP) / 0.25 - 3.0 (ppm Cl ₂) | | |
| Precisión / Precision | ± 0.1 pH / ± 1 mV (ORP) / ± 0.1 (ppm Cl ₂) | | |
| Calibración / Calibration | Automática (patrones pH-orp, tarjeta electronica ppms) / Automatic (buffers pH-ORP, electronic board ppms) | | |
| Salidas control (pH) / Control outputs (pH) | Una salida 230 V / 500 mA (conexión bomba dosific.) / One output 230 V / 500 mA (dosing pump connection.) | | |
| Sensores pH/ORP / pH/ORP sensors | Cuerpo epoxy, unión sencilla. / Epoxy body, single bond. | | |
| Sensor ppm Cl ₂ / ppm Cl ₂ sensor | Cuerpo PVC + diafragma. / PVC body + diaphragm. | | |



Dimensiones / Dimensions

medidas aproximadas



MODELO

| MODEL | m/m | | | | | |
|-----------|-----|-----|-----|-----|-----|-----|
| | A | B | C | D | E | F |
| NEO 50/S | 462 | 440 | 251 | 940 | 200 | 250 |
| NEO 80/S | 462 | 440 | 251 | 940 | 200 | 250 |
| NEO 120/S | 620 | 500 | 361 | 940 | 200 | 250 |
| NEO 180/S | 620 | 500 | 361 | 940 | 250 | 310 |
| NEO 300/S | 620 | 500 | 361 | 940 | 250 | 310 |

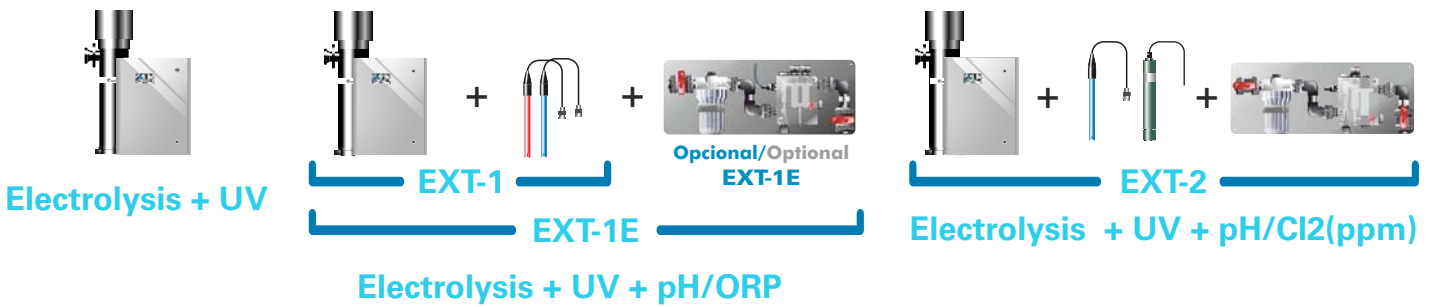
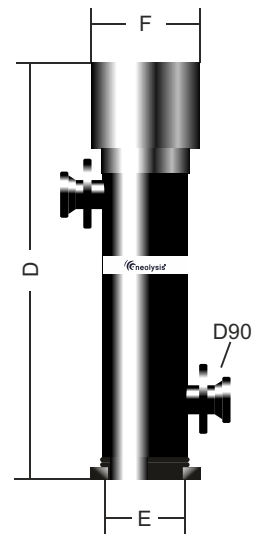


Diagrama de instalación / Installation Diagram

