



POOL PHOTOMETER

The Seko POOL Photometer is a DPD reference point for Chlorine control. The combination of water sampling and reagents ensure maximum measurement precision. The unit itself is a compact miniature analysis laboratory dedicated to Chlorine measurement.

TECHNICAL CHARACTERISTICS

- Graphic display LCD STN 128x64 backlit.
- Visualisation of: measurements (simultaneous of 4 values + trend line),
- Digital outputs condition, storage condition, malfunctions.
- Programming through keyboard with 4 bubble keys
- nr.4 analogue outputs Quantity: ppm Cl₂ pH, Redox, Temperature. Typology: 0.00 / 4.00 ÷ 20.00 mA galvanically isolated Max load: 500 Ohm
- Output alarm according to NAMUR 2.4 mA (with range 4/20mA)
- nr.4 Relay Outputs of Set point with 220Vac power for pump max power 100VA nr. 2 for Chlorine + nr. 1 for pH + 1 for Redox + 1 for Alarm
- Delay time: 00:00 ÷ 59:59 mm:ss at minimum step of 15 seconds
- Threshold disabling: active
- Relays max resistive load 5A at 230Vac
- 2 Digital Input Contact feed at free and 220Vac for dose disabling
- Analogue Input (optional) 0/4 ÷ 20mA for auxiliary measurements
- RS485 Serial Output
- MODBUS RTU protocol with programmable velocity 1200 ÷ 38400 Baud Rate. for set-up, Real Time condition, or data download.
- Operational Temperature 0÷50°C;
- Storage and Transportation: 25÷65°C Humidity 10-95% not condensed
- Power supply 100÷240Vac/dc 50-60Hz average absorption 66 W

APPLICATIONS

- | | | |
|------------------|-------------------|---------------------------|
| • Waste water | • Dioxide station | • Legionella disinfection |
| • Drinking water | • Swimming pools | • Boilers |
| • Crate wash | • Sea water | • Irrigation |

PHOTOMETER INSTRUMENT

POOL PHOTOMETER



PRODUCTS KEY

1	PRODUCT TYPE										
S	Systems										
	2-3	SYSTEM TYPE									
	PP	POOL Photometer									
		4	MEASURED PARAMETERS								
		3	Free Chlorine, pH and Redox (optional)								
		5-6	MEASURE TYPE								
			CL	Chlorine DPD							
		7	MOUNTING								
			W	Wall mounting							
		8	POWER SUPPLY								
			A	230 Vac							
			B	24 Vac/dc							
			C	115 Vac							
			M	100÷240 Vac							
			9	Optinal							
				D	Data Logger, SekoWeb Connection via RS485						
				10	Probe Holder						
		0			Open Loop						
		A			Close Loop						
		11-12	FREE/CUSTOM								
S	PL	3	CL	W	A	D	A	00			

PRODUCT LINE

	pH	Redox	Free Chlorine	Total Chlorine	Combined Chlorine
SPL3CL	•	•	•		

MEASURE RANGE

pH	0÷14,00
ORP (Redox)	±1500mV *1
Chlorine	0÷5,00
Temperature compensation	with PT100/PT/1000 0÷100 (32÷212 °F)

(*1 The installation kit is optional)

DIMENSIONS

