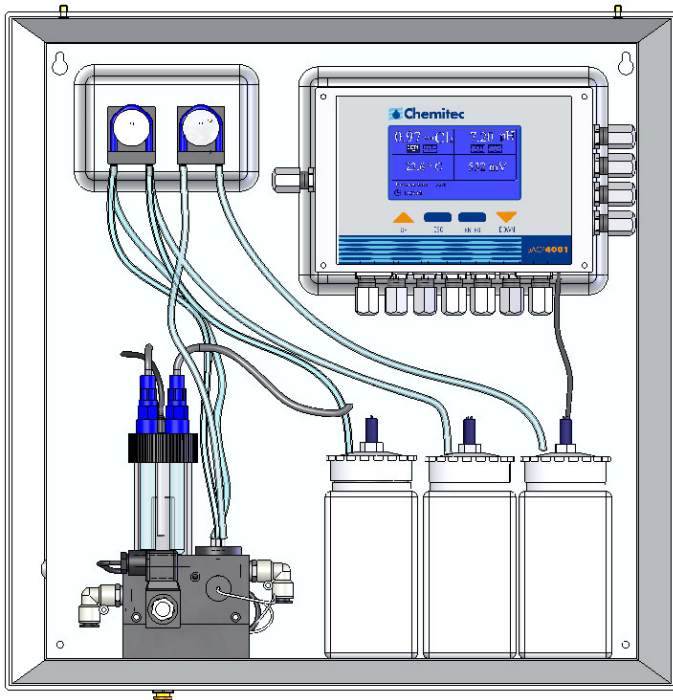




PHOTOMETER SYSTEM

The Seko Photometer System 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 240x128 backlit.
- **Visualisation** of: measurements (simultaneous of 4 values + trend line) ,
- Programming through keyboard with 4 bubble keys
- **Internal Data Logger** Flash 4 Mbit storage equal to 16000 recordings
- Recording interval: 00:00 ÷ 99:99 min circular / filling
- Visualisation: table/chart
- nr.4 analogue outputs Quantity: ppm Cl₂ pH, Redox , Temperature.
- Typology: 0.00 / 4.00 ÷ 20.00 mA galvanically isolated
- Limit programming: lower / higher / Inversion
- **Max load**: 500 Ohm
- Output alarm according to NAMUR 2.4 mA (with range 4/20mA)
- P.I.D. Regulation for pH Output
- nr.5 Relay Outputs of Set point nr. 2 for Chlorine + nr. 2 for pH + 1 for Redox
- Alarm Relay Output ON-OFF cumulative for: Min/Max, set point delay, defects
- Delay time: 00:00 ÷ 59:99 mm:ss at minimum step of 15 seconds
- nr.1 Auxiliary Relay Outputs Programmable
- Relay max resistive load 5A at 230Vac
- Digital Input Contact fed at 24Vdc for dose disabling
- Analogue Input 0/4 ÷ 20mA for auxiliary measurements
- **RS485 Serial Output MODBUS RTU** protocol with programmable velocity 1200 ÷ 38400
- **Operational Temperature** 0÷50°C;
- Storage and Transportation -25÷65°C, Humidity 10-95% not condensed
- **Power Supply**: 100÷240 Vac/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

PHOTOMETER SYSTEM



PRODUCTS KEY

1		PRODUCT TYPE													
S		Systems													
		2/3		SYSTEM TYPE											
		PT		Photometer											
		4		MEASURED PARAMETERS											
		0		None											
		1		None											
		2		Chlorine											
		3		pH, Chlorine											
		4		pH, redox and chlorine											
		5		free/total/combined chlorine, pH and redox											
				5/6		MEASURE TYPE									
CL				Chlorine											
CT				Total Chlorine											
7				MOUNTING											
W				Wall mounting											
		8		POWER SUPPLY											
		A		230 Vac											
		B		24 Vac/dc											
		C		115 Vac											
		M		100÷240 Vac											
		9-12		FREE/CUSTOM											
S		PT		2		CL		W		A		0		000	

PHOTOMETER INSTRUMENT

PHOTOMETER SYSTEM



PRODUCT LINE

	pH	Redox	Free Chlorine	Total Chlorine	Combined Chlorine
SPT2CL			•		
SPT2CT				•	
SPT3CL	•		•		
SPT4CL	•	•	•		
SPT5CL	•	•	•	•	•

MEASURE RANGE

Ph	0÷14,00
Orp	±1500mV
Chlorine	0÷5,00
Temperature compensation	with PT100/PT/1000 0÷100 (32÷212 °F)

DIMENSIONS

