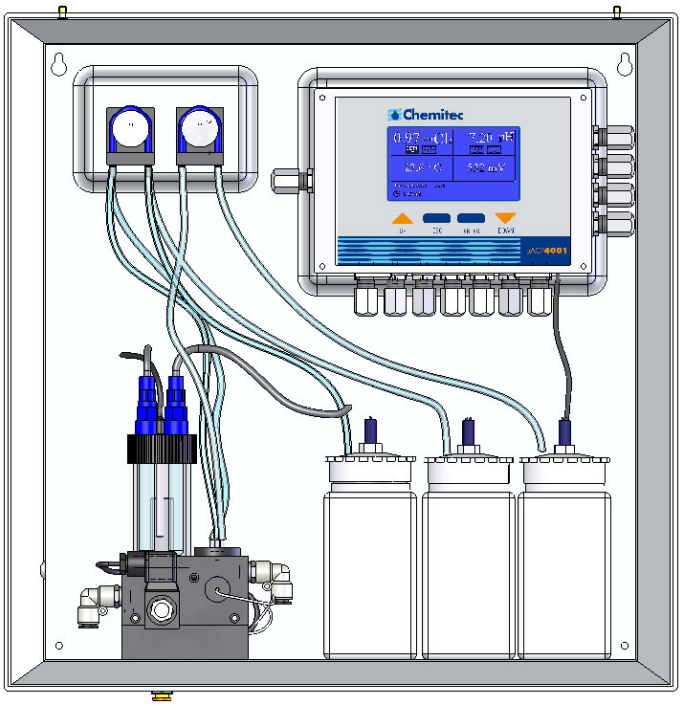
PHOTOMETER INSTRUMENT
PHOTOMETER SYSTEM



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 backlighted.
- **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
- Drinking water
- Crate wash
- Dioxide station
- Swimming pools
- Sea water
- Legionella disinfection
- Boilers
- Irrigation

Technical data can be changed without notice.

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

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Photometer System_rev.1.0

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PRODUCT LINE

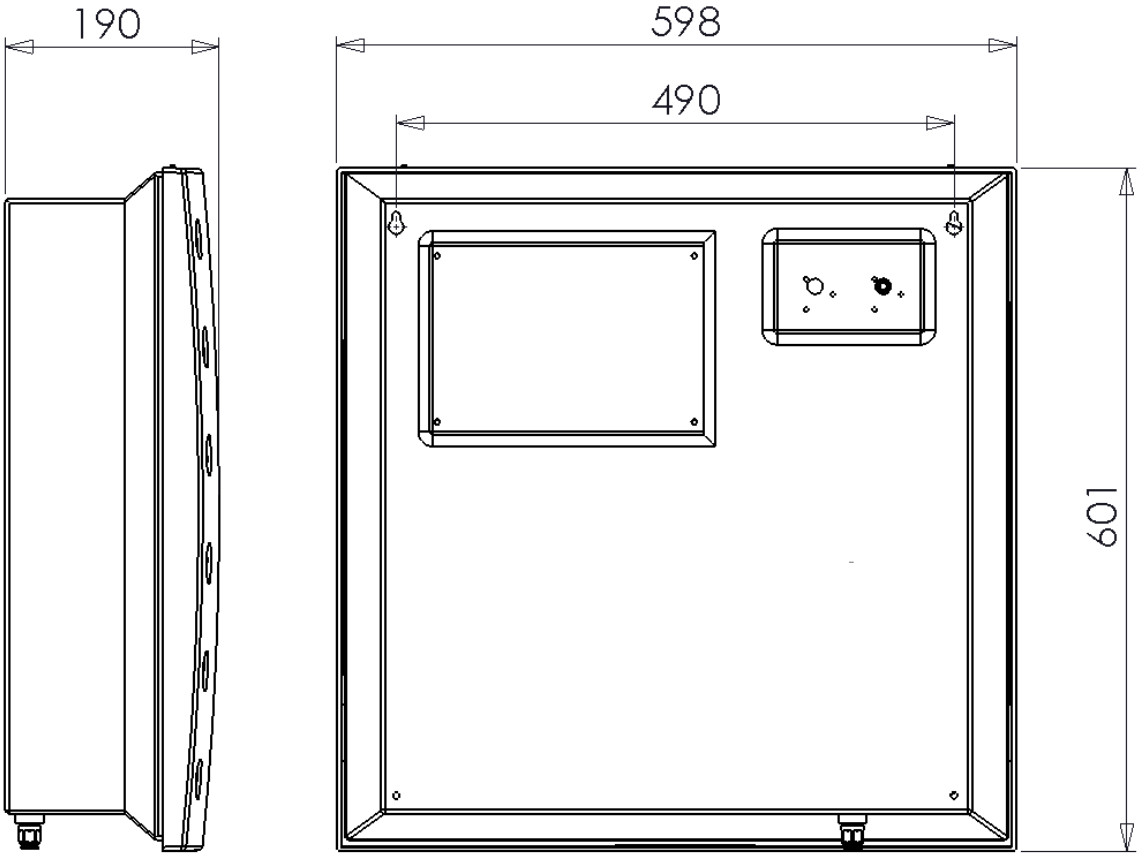
	pH	Redox	Free Chlorine	Total Chlorine	Combined Chlorine
SPT2CL			•		
SPT2CT				•	
SPT3CL	•		•		
SPT4CL	•	•	•		
SPT5CL	•	•	•	•	•

MEASURE RANGE

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

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DIMENSIONS



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Photometer System_rev.1.0