

# WA 700 - Residual Chlorine

WA700 is residual chlorine sensor with two or three electrodes covered with membrane with integrated temperature sensor for signal compensation.

## Applications

1. Swimming pool
2. Drinking water
3. Waste water
4. Process water

## Specifications

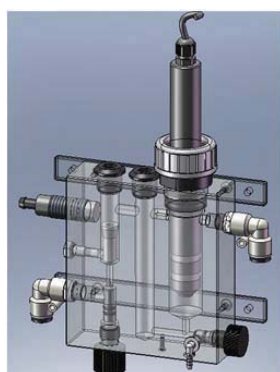


**S494**

Model	S494
Measuring parameters	Free chlorine, Total chlorine, Organic and Inorganic free chlorine, Chlorine dioxide, Ozone, Peracetic Acid, Hydrogen peroxide, Chlorites
Measuring error	±2% of the indicated value
Repeatability	±2%
Stability	±1% of the analytical determination after 4weeks from the calibration
Operating conditions	Sample speed on the membrane 15cm/sec Constant flow rate of the hydraulic supply 30 - 40 l/h Acceptable overpressure 1 bar
Operating Temp.	>5 up to 45 °C (other on request)
Temp. compensation	Automatic through NTC integrated sensor
Time	First polarization from 1 to 3h, Repolarization 30 min
Response	60 sec for 90% F.S.
Body material	PVC, Silicon, PTFE
Calibration point	Zero: Not necessary Work: According to user requirement, through analytical determination (colorimetric with DPD)
Warnings	Maintenance interval 2 weeks or more Life time of the electrolyte solution approx. 1year

WA100 – pH 20p – 21p	WA200 – ORP 20p – 21p	WA300 – DO 22p	WA400 – SS/MLSS 23p	WA500 – Turbidity 24p	WA600 – Conductivity 25p	WA700-Residual Chlorine 26p – 27p
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Measuring parameters	Measuring range	pH operating range
Free Chlorine	0.01 ~ 2.00ppm, 0.01 ~ 5.00ppm, 0.01 ~ 10.00ppm, 0.01 ~ 200.00ppm	6 ~ 8 pH
Total Chlorine	0.01 ~ 0.50ppm, 0.01 ~ 2.00ppm, 0.01 ~ 5.00ppm, 0.01 ~ 10.00ppm	4 ~ 12 pH
Organic and Inorganic Free Chlorine	0.01 ~ 2.00ppm, 0.01 ~ 5.00ppm, 0.01 ~ 10.00ppm	4 ~ 11 pH
Chlorine Dioxide	0.01 ~ 0.50ppm, 0.01 ~ 2.00ppm, 0.01 ~ 5.00ppm, 0.01 ~ 10.00ppm	1 ~ 11 pH
Ozone	0.01 ~ 0.50ppm, 0.01 ~ 2.00ppm, 0.01 ~ 5.00ppm	2 ~ 11 pH
Peracetic Acid	0 ~ 500ppm, 0 ~ 1000ppm, 0 ~ 2000ppm, 0 ~ 10000ppm, 0 ~ 20000ppm	1 ~ 7 pH
Hydrogen Peroxide	0 ~ 500ppm, 0 ~ 1000ppm, 0 ~ 2000ppm, 0 ~ 10000ppm	2 ~ 11 pH
Chlorites	0.05 ~ 2ppm	6 ~ 9 pH



**S305PX494**

Mounting in constant flow-through electrode holder for Chlorine, Chlorine Dioxide, Ozone, Chlorites, PAA, H<sub>2</sub>O<sub>2</sub> and other membrane sensors.

Materials	S305PX494
Cell and mounting brackets	Plexiglass
Connection and valves	PVC
Floating system	Stainless Steel
O-Ring	NBR
Operating Temp.	Max. 60 °C (80 °C on request)
Operating pressure	Max. 4bar