Free Chlorine Technology Comparison Chart

FEATURE	DPD	MEMBRANE	KUNTZE	KUNTZE ADVANTAGE
Sensor Technology	Colorimetric	Membrane Sensor Amperometric	Bare Sensor Amperometric	*High confidence in chlorine measurement*
Sensor Cleaning	No	No	(ASR)®	*Labor reduction*
Replacement Membrane Cap	No	Yes	No	*Remove replacement part, gain more durable measurements*
Reagents/ Electrolyte	Yes	No	No	*No waste stream*
Consumables	Yes	Yes	No	*Labor reduction*
Response Time After 0mg/l Of Cl_2	Interval Based - 150 Seconds	Will Not Respond As Expected	t90 = 20 seconds	*Sensor does not go to sleep when exposed to extended periods of time with low Cl_2*
Bubble Influence	Yes	Yes	No	*Confidence in chlorine measurement*
Scheduled Replacement Parts	30 Days	90 Days	> 365 Days	*Reduce time required to provide routine service*
Service	Strongly recommends service contract	No - but service contract recommended	No service contract required	*Reduce need to rely on third party's schedule*
Sample Line Flow Control	Yes	No	Yes	*Eliminates potential fluctuations, resulting in confident monthly reports*
pH Measurement	No	Sometimes	0-14 pH range for monitoring and control	*Increased process insight*
Pressure	< 2 psi	< 5 psi	Up to 87 psi	*Not pressure sensitive*

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