

## Water Testing

### Chloride / Total Dissolved Solids (TDS)



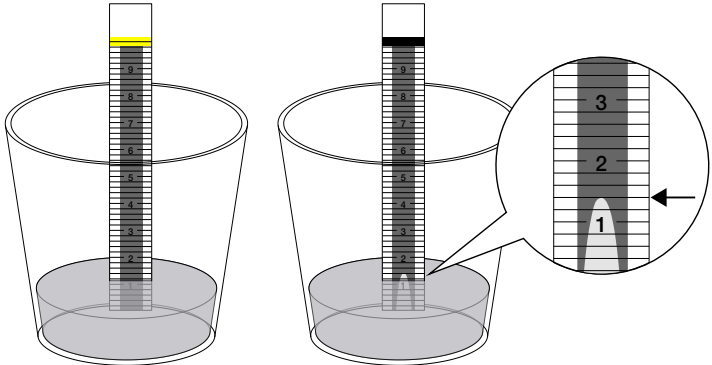
#### IMPORTANT!

**Selection of the correct water filtration system to suit local water conditions is CRITICAL. Failure to install the correct system according to the following guidelines will void warranty.**

#### — Chloride Test

1. Remove Titrator from bottle and replace bottle cap immediately.
2. Insert lower end of the Titrator into water to be tested (approx 20mm of water). DO NOT allow water to touch yellow completion band at top of Titrator.
3. Allow water to completely saturate the wick of Titrator. Reaction is complete when yellow band turns dark.
4. Note where the white chloride peak falls on the scale. This represents the unit value.
5. Refer to the table to convert the Titrator units into salt concentration.

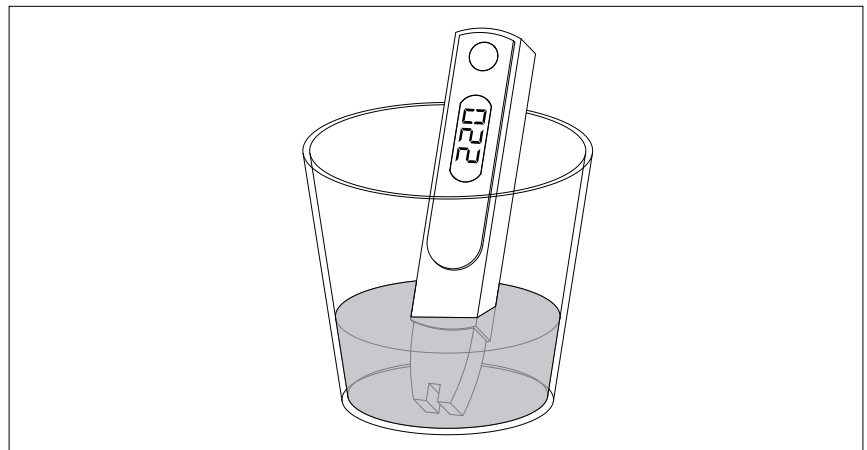
\* Readings higher than 1.4 (32PPM) require a Reverse Osmosis Unit to be installed.



Limit*	ppm(mg/L)			ppm(mg/L)		
	Units	%NaCl	Cl	Units	%NaCl	Cl
1.4	0.005	32	4.6	0.032	196	
1.6	0.006	39	4.8	0.035	212	
1.8	0.007	45	5.0	0.038	229	
2.0	0.009	53	5.2	0.041	248	
2.2	0.010	60	5.4	0.044	267	
2.4	0.011	68	5.6	0.048	288	
2.6	0.013	77	5.8	0.051	311	
2.8	0.014	86	6.0	0.055	335	
3.0	0.016	95	6.2	0.060	361	
3.2	0.017	106	6.4	0.064	389	
3.4	0.019	116	6.6	0.069	419	
3.6	0.021	128	6.8	0.074	452	
3.8	0.023	140	7.0	0.080	487	
4.0	0.025	152	7.2	0.087	525	
4.2	0.027	166	7.4	0.093	567	
4.4	0.030	180	7.6	0.101	613	

#### — Total Dissolved Solids (TDS) Test

1. Remove the cover from the TDS meter, turn on by pressing the On/Off button. The display should read 000.
2. Insert lower end of the TDS meter into water to be tested (approx 20mm of water). DO NOT completely submerge.
3. Wait 5-10 seconds.
4. The number displayed on meter is the TDS (Total Dissolved Solids) of the water expressed in PPM (parts per million) e.g. TDS = 220PPM.
5. When finished, turn the TDS meter off.



**— Filtration System**

- After testing the quality of your water supply use the below chart to determine your water filter requirements.

