

PRODUCT SELECTION GUIDE - Choosing and Using a TDS Meter

| Application | How to Use (Quick Overview) | Suggested Ideal TDS Range | Recommended Meters |
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| Drinking Water | <ol style="list-style-type: none"> 1. Test the TDS level of the water. 2. The lower the TDS level, the purer the water. | 0-50 ppm | Any handheld. |
| Water Filters | <ol style="list-style-type: none"> 1. Test the TDS level of the tap water. 2. Test the TDS level of the filtered water. 3. Calculate the percent rejection rate. The higher the rate, the better the performance of the filters | 0-50 ppm | Any handheld or inline monitor. |
| Swimming Pools and Spas (standard) | <ol style="list-style-type: none"> 1. Test the TDS level of the water. 2. Adjust the TDS levels per the pool or spa manufacturer's recommended settings. | Varies | COM-100 |
| Swimming Pools (salt) | <ol style="list-style-type: none"> 1. Test the TDS level of the tap water. 2. Adjust the TDS levels per the pool or spa manufacturer's recommended settings. | Varies (typically 1000-2000 ppm) | COM-100, TDS-3 |
| Hydroponics & Gardening | <ol style="list-style-type: none"> 1. Test the TDS level of the water. 2. The lower the TDS level, the purer the water. 3. Measure nutrients with the TDS meter. Remember to include the TDS of the water. | Varies (typically 500 to 2000 ppm) | COM-100, TDS-3 |
| Aquariums (fresh water fish) | <ol style="list-style-type: none"> 1. Test the TDS level of the water. 2. The lower the TDS level, the purer the water. 3. Add nutrients per the instructions of the nutrient company. Remember to include the TDS of the water. | Varies (typically 150-850 ppm) | COM-100 |
| Aquariums & Reef Tanks (salt) | <ol style="list-style-type: none"> 1. Use a filter to remove any TDS from the water prior to adding salt and nutrients. 2. Use a TDS meter or monitor to determine filter performance. | Varies (filtered water should be 0-10 ppm) | COM-100, DM-1, DM-2 |
| Colloidal Silver Water | <ol style="list-style-type: none"> 1. Start with distilled water or low RO water. 2. Measure the quantity of colloidal silver based on the TDS measurement. | Low (5-20 ppm) | COM-100 |
| Car & Window Washing | <ol style="list-style-type: none"> 1. Test the TDS level of the tap water. 2. Test the TDS level of the filtered water. 3. Calculate the percent rejection rate. The higher the rate, the better the performance of the filters. TDS causes spots! | 0-50 ppm | Any handheld, DM-1, DM-2 |
| Coffee Making | <ol style="list-style-type: none"> 1. Test the TDS of the water. Filter or add TDS as necessary for taste and coffee quality. | 100-200 ppm | COM-100, any handheld, various inline monitors |
| Water Hardness | <ol style="list-style-type: none"> 1. Test the TDS of the water. 2. TDS will give you an indication of water hardness, but may not be exact, since TDS includes hard and soft solids. 3. 1 grain of hardness = 17.1 ppm, but 17.1 ppm may not equal one grain of hardness. | 0-100 ppm | Any handheld |

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| Calibration | | | | | | | | |
| 'Hold' feature | | | | | | | | |
| Replaceable Sensor | | | | | | | | |
| Auto Shut-Off | | | | | | | | |
| Low Battery Indicator | | | | | | | | |
| Extras | | | | | | | | |