Dissolved Oxygen
Contents List

Chemicals: DO #1
DO #2
DO #3
Sodium Thiosulfate

2 glass DO bottles 2 square mixing bottles 2 plastic measuring tubes

Misc: Pair of Nail-Clippers

Orthophosphate
Contents List

Chemicals: PhosVer3

2 square mixing bottles 3 glass test tubes 1 black comparator with mirror and blue wheel
Nitrogen
Contents List

Chemicals:  
NitraVer6  
NitraVer3

3 plastic test tubes with caps  
1 black comparator with pink wheel

Alkalinity
Contents List

Chemicals:  
Phenolphthalein  
Bromcresol green-methyl red  
Sulfuric Acid

2 square mixing bottles  
2 plastic measuring tubes

Turbidity
Contents List

Chemicals:  
Standard Turbidity Reagent

2 plastic turbidity columns  
1 stirrer
Chemicals: pH 7 calibration solution (yellow) and Conductivity calibration solution - 1413 μS (clear)
1 thermometer 1 pH meter 1 Conductivity/TDS/Salinity meter
2 sample containers (A & B)
May also contain: timer, scissors, Cadmium waste container, grease pencil

Additional tips for working with Conductivity/TDS/Salinity meter:

1. The meter is capable of measuring three things: Conductivity, TDS, and another thing. We collect Conductivity and TDS data, not the third.

2. You can tell which you're measuring by looking at the units displayed above the large (biggest in size) number.
   - μS - Conductivity
   - ppm - Total Dissolved Solids (TDS)
   - ppm S - we don't use this measurement

3. Change from one to the other by pressing and holding the MODE button.

4. It is important to note the units the meter is displaying when reading the Conductivity value of your SAMPLE. The meter will switch from μS to mS if there is high Conductivity. This is 1000 times different!