Saline Bucket Testing Platform Documentation

# Construction:

## Materials:

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| Home Depot All Purpose Bucket  <https://www.homedepot.com/p/The-Home-Depot-5-Gal-Homer-Bucket-05GLHD2/100087613> | $3.25 |
| Salt (as pure as possible, with no anti-caking agents)  <https://www.amazon.com/Morton-Canning-Pickling-Salt-Box/dp/B00GZCEZ4O> | $9.47 |
| Distilled Water (approx. 3 gal) | Approx. $4.00 |
| Assorted Alligator Clips  <https://www.amazon.com/WGGE-WG-026-Pieces-Colors-Alligator/dp/B06XX25HFX> | $5.99 |
| Siglent SDG2042X Function Generator  <https://www.amazon.com/Siglent-Technologies-SDG2042X-Arbitrary-Function-Generators/dp/B01410O55U#customerReviews> | $499.00 |
| Rigol DS1054Z Digital Oscilloscope  <https://www.amazon.com/Rigol-DS1054Z-Digital-Oscilloscopes-Bandwidth/dp/B012938E76> | $349.00 |
| 24”x24” Titanium Sheeting  <https://store.tmstitanium.com/products/199g/titanium-sheet-plate/cp-grade-2/0.020-thick-24.000-wide-24.000-long> | $65.00 |
| Total Cost: | $935.71 |

## Assembly: