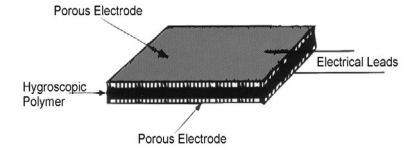
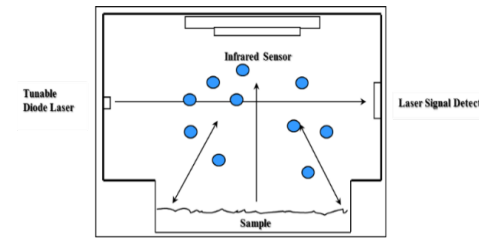
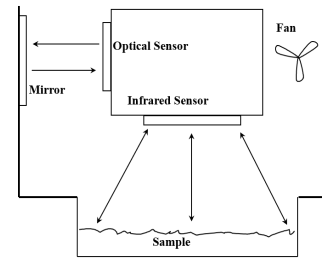
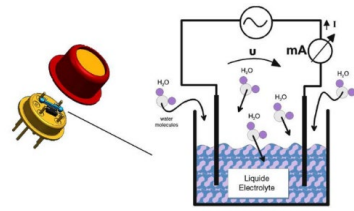


# Water Activity Decision Guide: Which Method is Best?



| Feature                            | Resistive Electrolytic | Chilled Mirror      | Tunable Diode       | Capacitance         |
|------------------------------------|------------------------|---------------------|---------------------|---------------------|
| Accuracy                           | +/- 0.003              | +/- 0.003           | +/- 0.005           | +/- 0.005           |
| Precision                          | +/-0.002               | +/-0.002            | +/-0.002            | Not Reported        |
| Test Time                          | Sample Dependent       | Sample Dependent    | Sample Dependent    | Sample Dependent    |
| Fast or Quick Mode Avail           | Yes                    | No                  | No                  | Yes                 |
| Stability Setting Adj              | Yes                    | No                  | No                  | No                  |
| Impacted by Volatiles              | No (with filters)      | Yes                 | No                  | Yes                 |
| Salt Standard Type                 | Re-useable Slurry      | Consumable Solution | Consumable Solution | Consumable Solution |
| Hysteresis                         | No                     | No                  | No                  | Yes                 |
| Frequent Cleaning/Verify of Sensor | No                     | Yes                 | Yes                 | Yes                 |
| Fully 21CFR Part 11 Compliant      | Yes                    | No                  | No                  | No                  |
| Touchscreen Interface              | Yes                    | No                  | No                  | Yes                 |
| On Screen Equilibration Graph      | Yes                    | No                  | No                  | No                  |
| Temperature Control                | Yes                    | Yes                 | Yes                 | Yes                 |
| Water Activity Expert Avail        | Yes                    | No                  | No                  | No                  |