



Compare Integrated pH Sensors



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| Available Measurements | Conductivity, Temperature, Depth, pH, Optical Dissolved Oxygen, Chlorophyll and Turbidity (Base sensor includes C, T, pH) | Conductivity, Temperature, Depth, Optical Dissolved Oxygen, pH |
| pH Technology | Glass electrode | Ion selective field effect transistor (ISFET) |
| Application | All natural waters | Seawater 20 - 40 psu range |
| Initial Accuracy pH (Product websites listed below for other parameters) | ± 0.1 pH | 0.02 pH |
| Depth Specification | 0 - 350 m | 0 - 50 m |
| System Dimensions | 722 mm x 139.5 mm | 741.7 mm x 282.5 mm x 129.0 mm |
| Weight | 4.05 kg in air | 37-SMP-ODO: Titanium 4.2 kg in air, 2.3 kg in water SeaFET™: 5.4 kg in air; 0.1 kg in water |
| Calibration/ Serviceability | Monthly user calibrated in lab or field. Field serviceable and replaceable pH probe. | Yearly factory calibrated and maintained. |
| Software | Universal Coastal Interface (UCI) for Mac and Windows (UCI also works with HydroCat and SUNA V2) | SeaFETCom® Windows |
| Common Applications | Environmental monitoring in estuaries, lakes, rivers and streams. | Ocean acidification research, coral reef research, coastal marine biology, environmental monitoring. |