



PH&T-100 PRECISION METER FOR WIRELESS CHEMICAL MEASUREMENTS

- pH measurements with resolution +/- 0.001
- Temperature measurement +/- 0.001 deg C
- Wi-Fi 802.11 WLAN/LAN connectivity
- Embedded or client application data logging
- BNC input for standard glass electrodes
- Build in buffer list from Thermo Fisher Scientific with temperature calibration curves

The image displays the RealPort pH&T meter software interface on the left and a physical hardware setup on the right.

Software Interface:

- RealPort pH&T meter - Mozilla Firefox**: A screenshot of a web browser window showing the RealPort pH&T meter management and configuration interface. It includes sections for Home, Wireless, File Management, Upload Firmware, Reboot, and a live data graph.
- pH-T-100 ver. 1.0a**: A screenshot of a Windows application window titled "pH-T-100 ver. 1.0a". It shows two graphs: one for pH (ranging from 7.010 to 8.04) and one for Temperature (ranging from 24.24 to 24.32). Both graphs show a red calibration curve and a green data series. Below the graphs are controls for "calibrate", "reset calibration", and "calibrate". At the bottom, there are settings for "RealPort COM#", "Sampling Interval, ms", and "Number of Visible".

Physical Hardware:

A black electronic device with a gold-colored connector is connected to a clear plastic beaker containing a white liquid. The beaker sits on a metal workbench. Next to it is a white plastic bottle labeled "Buffer Solution pH 6.00 CERTIFIED ± 0.01 at 25°C". A white pen is resting in the beaker. The setup is connected to a computer system.