

In flow pH measurement



Milkotester offers you pH-meter device. The device is used for potentiometrically measuring the pH, which is either the concentration or the activity of hydrogen ions. Basic potentiometric pH meters simply measure the voltage between two electrodes and display the result converted into the corresponding pH value.

They comprise a simple electronic amplifier and a pair of probes, or a combination probe, and some form of display calibrated in pH. The probe is the key part: it is a rod-like structure usually made of glass, with a bulb containing the sensor at the bottom. Frequent calibration with solutions of known pH, perhaps before each use, ensures the best accuracy. To measure the pH of a solution, the probe is dipped into it.