ABSTRACT

This apparatus for producing pH/redox potential-adjusted water comprises: a degassing membrane device having a degassing membrane that removes dissolved gas, as an impurity, from pure water; a pH adjustment device that adjusts the pH of the pure water; and a dissolution membrane device that has a gas dissolution membrane for dissolving an inert gas in the pure water. The pH/redox potential-adjusted water production apparatus produces pH/redox potential-adjusted water that has a redox potential equal to or greater than -0.40 V and less than +0.40 V (vs Ag/AgCl) at a pH of 9 to 14 and 25°C.

FIG. 1