

Abstract

GAS-DISSOLVED WATER PRODUCTION DEVICE AND PRODUCTION METHOD

An ozone water production device (1) includes: flow rate controllers (4, 5) that each control a flow rate of gas which is a raw material; a flow rate meter (12) that measures a flow rate of water which is a raw material; a booster pump (13) that controls pressure of the water; an ozone water generating unit (8) that generates ozone water by mixing ozone gas and the water; and a pressure sensor (17) that measures pressure of the ozone water which is to be supplied to a use point (19). The booster pump (13) controls the pressure of the water such that the pressure of the ozone water measured by the pressure sensor (17) is constant. The flow rate controllers (4, 5) each control the flow rate of the gas in accordance with the flow rate of the water measured by the flow rate meter (12).

Fig. 1