

ABSTRACT

HYDROGEN GENERATOR WITH SELF-STERILIZATION FUNCTION

5 A hydrogen generator with self-sterilization function comprises an
electrolysis module, a hydrogen water cup, an integrated channel device and
an automatic diversion device. The electrolysis module is configured to
electrolyze electrolytic water to generate the gas comprising hydrogen. The
hydrogen water cup is configured to accommodate liquid and inputting the
10 gas comprising hydrogen into the liquid to generate the liquid comprising
hydrogen. The integrated channel device is stacked above the electrolysis
module and comprises a gas input channel, a gas output channel, and a gas
flow channel. The automatic diversion device is configured for selectively
connecting the gas input channel, the hydrogen water cup and the gas output
15 channel or selectively connecting the gas input channel, the gas flow channel
and the gas output channel. Wherein, the pH value of the electrolytic water
in the electrolysis module is in a range between 12~14.

Figure 1