

Abstract

The invention relates to an in-line sensor for measuring an analyte content in a medium. The sensor comprises: at least one sensor element which is connected to a support, wherein the at least one
5 sensor element is movable relative to the outer tube along the longitudinal axis of the sensor in the direction of the medium to be measured from an irradiation position to a lockable hot-steam-sterilization position and from the hot-steam-sterilization position to a lockable measuring position. In the irradiation position, the interior of the sensor and the sensor element are in contact with the
10 surroundings. In the hot-steam-sterilization position, the support is positioned in a way that the medium-facing end portion of the support gas-tightly seals the sensor interior and the sensor element regarding the surroundings. In the measuring position, the sensor element is positioned to be in contact with the surroundings.

[Fig. 1]