SYSTEM FOR ANALYZING THE ATMOSPHERE IN AN ENCLOSURE FOR SOLDERING OR TINNING BY MEANS OF A METAL ALLOY

ABSTRACT

The invention relates to a system for analyzing the content of at least one element of the atmosphere in an enclosure for soldering or tinning by means of a metal alloy, comprising the following elements:

- at least one sampling line (1) for taking a gas sample from the enclosure;
- at least one analyzer (2) capable of analyzing said element;
- at least one coalescence filter (3, 4) located on the sampling line upstream of the analyzer;
- means allowing that portion of the sampling line which is located between the enclosure and the coalescence filter to be devoid of cold spots which could cause precipitation of solid or pasty compounds in the line portion;
- means (11) for detecting any blockage in the sampling line between the enclosure and the analyzer.

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