

Headspace Gas Analysis

100% Online Headspace Gas Analyzer



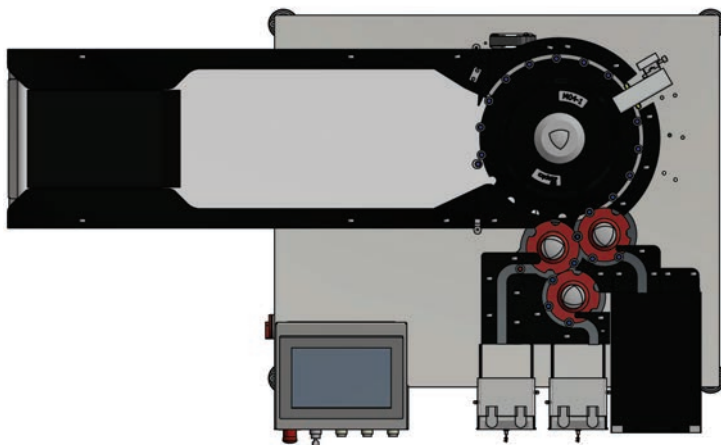
The equipment allows a fully automated 100% measurement of container headspace levels of multiple gases such as oxygen, moisture and carbon dioxide. Absolute pressure can be also monitored.

Headspace Gas Analysis HSA technology allows to perform a quick and precise investigation of appropriate headspace conditions by:

1. determining the nitrogen purging efficiency during the primary packaging and filling
2. ensuring container closure integrity over time

It is applicable to sterile products that are packaged under modified atmospheric conditions or under a certain level of vacuum such as lyophilized drugs.

HSA 120

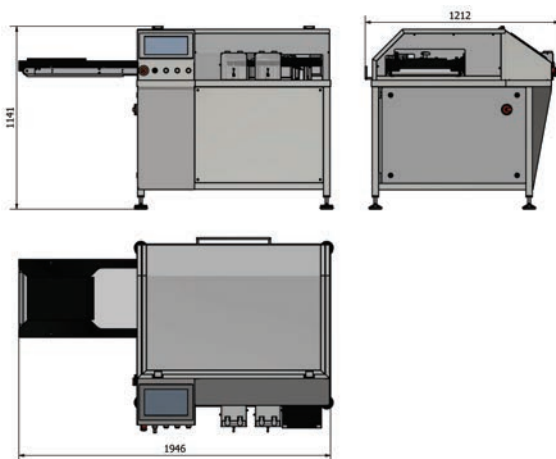


Key Benefits

- Robust best-in-class proprietary technology
- Non-destructive and non-invasive inspection of liquid, lyo and powder filled packages
- Real time inspection data
- Reject statistics & inspection result trends
- Applicable to vials, ampoules, cartridges, bottles of different headspace composition
- Applicable for clinical trials and commercial packaging operations

Relevant Features

- Flexible in/outfeeding: Off-line (Tray-in and Tray-out) or Online (conveyors)
- Multiple laser units can be installed
- Wide range of container sizes: diameter [8-52]mm, height up to 110mm
- 24/7 operation
- Operator friendly
- Compact design with easy clean ability
- Easy configuration, fast changeover, short retooling time



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