

LVA

In-Line High Speed Laser Inspection Machine



Advantages

Non Destructive Rapid and accurate analysis system

- Reliability guaranteed above 99%
- Precise measurement of vacuum and moisture level in vial
- Easy cleaning
- Displaying recording and printing of the tests carried out
- Validation documentation to comply with FDA protocols
- Software based on GMP and SCADA platform configurable to comply with CFR21 part II norms



The Leak Testing Machine is used for in-line TDLAS Laser based measurement of Moisture and Vacuum levels into sealed Containers headspace.

Containers transfer from Infeed to Outfeed is managed by means of automatic systems.

It performs the contact-less and non intrusively Inspection in continuous operation

The absorbed fraction of Laser light energy is corresponding to headspace moisture and vacuum concentration.

Whether the result is Conforming or Non Conforming, the HMI clearly displays the status on the screen.

Technical Specifications

Tested Container	Vials
Container Filling	Filled
Container Content	Lyophilised
Machine Type	Rotative
Testing Methods	Tunable Diode Laser Absorption Spectroscopy
Max speed	500 Cpm
Min Container Dimension	14 x 0 x 40 mm
Max Container Dimension	45 x 0 x 70 mm
Testing Heads Number	from 1.00 to 2.00

