



Inspection Machines for Ampoules and Vials Lighthouse Instruments VISTA/THC IN-LINE

Images



Product details

Category:	Sold
Machine:	VISTA/THC IN-LINE
Machine code:	22f112
Manufacturer:	Lighthouse Instruments
Year of construction:	n/a



INTIMAC S.R.L.

Via XXV Aprile, 8
21054 Fagnano Olona (VA) - Italia
Tel. +39 0331 1693557
email: inti@intisrl.it

Description

VISTA/THC IN-LINE INSPECTION SYSTEM FOR OXYGEN, PRESSURE AND HUMIDITY for the following vials

6 ml transparent vial

10 ml transparent vial

Transparent 20 ml ampoule

Transparent 25 ml ampoule

Transparent 50 ml ampoule

Transparent 100 ml vial

The vial inspection device is designed to automatically and synchronously feed individual vials to oxygen and pressure sensors for non-destructive inspection of the oxygen content and total pressure in the vial vapour space.

The vials are loaded onto a turntable and fed into the system by a continuously running conveyor that also acts as a dispensing conveyor. The incoming flow of vials is controlled and metered by two pneumatic barriers that open and close according to the length of the incoming queue. After the vials have been taken over by the inspection star wheel, they are passed through the pressure sensor and then through the oxygen sensor. The result of each measurement is temporarily stored in the PLC scrolling register until the decision to accept or reject the vial is made.

After inspection, the vials are released from the inspection starwheel to the exit conveyor or to one of the two rejection conveyors. The first rejection conveyor accepts vials that have not been inspected (not measured), while the second rejection conveyor accepts rejected vials based on measured values. The accepted vials are held in place by the vacuum in the inspection star wheel until they have passed the rejection belts. When the vial reaches the exit conveyor, it is released from the vacuum. If a vial is to be discarded, it is released from the vacuum into position above the correct rejection conveyor. The vial is then removed from the star wheel and transported to the rejection lane.