ONELITE PHARMA+ ®

VLM-7000

LABELLING MACHINE FOR VIALS WITH PRINT AND CHECK SYSTEM

Automatic labelling machine with manual feed for the application of self-adhesive labels on cylindrical products (vials) and ampoules in vertical position. Its labels could be printed and verified on the same machine.

The equipment includes the codification and verification system (ONELITE Print and check module). Provide an industrial thermal transfer printer (TIJ) and an inspection camera, which allows print and verify the OCR information on labels before its application on the products. Also provides a rejection station for the labeled products with misinformation. Loading and unloading of products are manual. The unloading of rejected products is manual too.

Print and check system.

Also offers an easy operation by the HMI control panel 15" touchscreen, which coordinates the labelling, printing and verification system, obtaining a central database for the backtracking of every product. It allows saving programs with the specific configuration of every product. Has user administration based on user levels with different access level with username and password required, registry of events, maintenance options on screen and backup system in line with CFR 21 part 11 (FDA) and GAMP5 (ISPE).
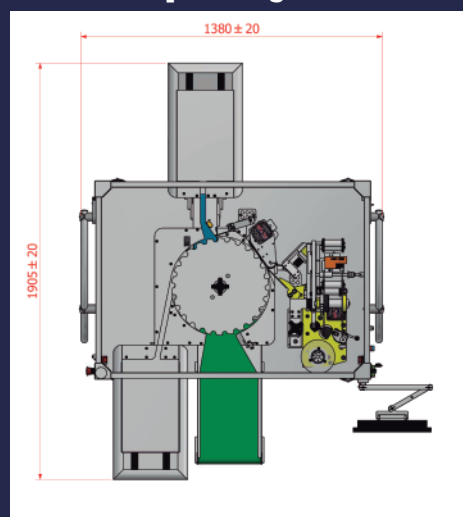
- Provides complete coordination between the camera, printing head, labelling and rejection control.
- Simple adjustment for placing the labelling head for a variety of vial sizes.
- Automatic synchronization of speed for engines in continuous mode.
- Single characters of overprint control system OCR (Optical character recognition).
- Rejection station for labeled vials with misinformation.
- USB and Ethernet ports for transferring data with other equipment and downloading the Event Log.
- Labelling in vertical position system.
- Manual products loading and unloading using storage trays.
- Adequate safety system that guarantees reliable operation of the equipment, preserving the safety of the operator.
- Minimum space required.
- Quality control of computerized system according to guidelines given by GAMP 5 and 21 CFR Part 11 (FDA).
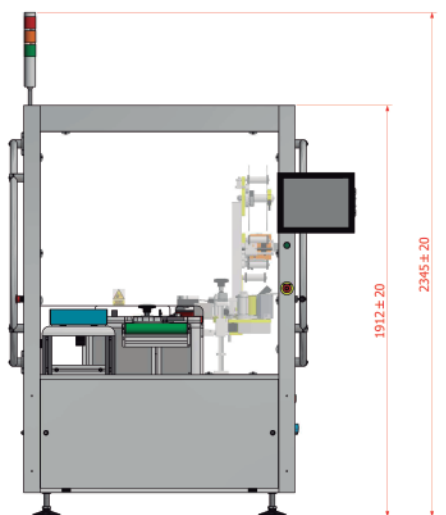

Mechanical regulations with position indicators.

Top Layout

Front layout

VLM-7000 Technical Data

Dimensions		1390 x 1900 x 2350 mm (Length x width x height)
Weight		400 Kg
Voltage		110V/220V + G / 50/60Hz
Installed Power		2 KVA
Compressed Air		6 bar (87 PSI)
Noise level		< 70 dB(A)
Production capacity		Max. 13.000 products/hour*
Speed range		2 - 6 meters/minute
Admissible products size (vials)	Diameter	22,5 mm*
	Length	30mm – 65mm
Admissible Labels	Width	25mm – 60mm
	Length	Up to 75mm
Printer		Thermal Inkjet (TIJ) Thermal Transfer Overprinting (TTO). (Opcional)
Camera		High Resolution

*For other packaging diameters, the disc must be changed according to the size of the container to be labelled.
**Height of each print head 12,7mm. Up to four heads can be placed, maximum printing height 50.8 mm.