



AR-BOX EPC

Labelling machine with serialization module.

High-speed automatic linear labelling system designed to apply self-adhesive labels or tamper-evident seals for the inviolability of tuck flap cartons on upper and/or bottom faces of closed boxes.

The machine includes **ONELITE Serialization Module** to print & verify traceability information on cartons



ONELITE Serialization module

The system can process batches of different drugs creating univocal codes for each unit (random or sequential order), as recommended by GS1 standards. At the same time a database is created, saving traceability information, restricting access with user levels in accordance with CFR 21 Part 11 (FDA). In addition, system inspection ensures proper human readable information allowing verification by the patients, under normal conditions of preservation of the product throughout its useful life.

The ONELITE serialization equipment incorporates inkjet thermal transfer printer, capable of printing alphanumeric digits as well as linear and 2D bar codes like GS1 Data Matrix mainly for pharmaceutical application.

In addition, is equipped with an artificial vision system to perform verification of printed information, by quick capture of images, using lenses with vision tools for 2D and OCR (Optical Character Recognition) codes, and integrated lighting. It is also possible to carry out safety verification by crossing obtained data between human readable texts and 2D codes to ensure data integrity.

Feeder (OPTIONAL)

The AR-BOX EPC can also be constructed with an automatic feeder.



Outstanding features

- Complete coordination between printer, camera, labelling heads and ejection control.
 - Seals applying onto straight and reverse tuck end boxes.
 - Simple adjustment and setup (mechanical and digital parameters) than can be stored on receipt (programs) for process the same medicine on time.
 - Quality control of computerized system according to guidelines given by GAMP 5 (ISPE) and CFR 21 Part 11 (FDA).
 - Easy speed adjustment in continuous mode from the control panel.
 - Redundant safety expulsion by product entering detection in the rejection drawer.
 - Generation/import of serial numbers for process in the equipment.
 - Visualization and downloading of detailed production reports.
 - Minimum space required.
 - Allows incorporate a third labelling head for vignettes application.
 - Generation/restoration and download of system backups.
 - Integration with traceability systems (Track & Trace).
 - Ethernet communication port.
 - USB port for software actualization or download of Even Log information.
 - Incorporated scanner for state queries and registration/deregistration of serials.
- Integration with traceability systems.

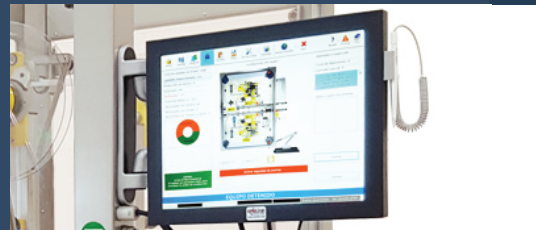
- Inspection of labeling and printing quality with pneumatic ejector of defective units.



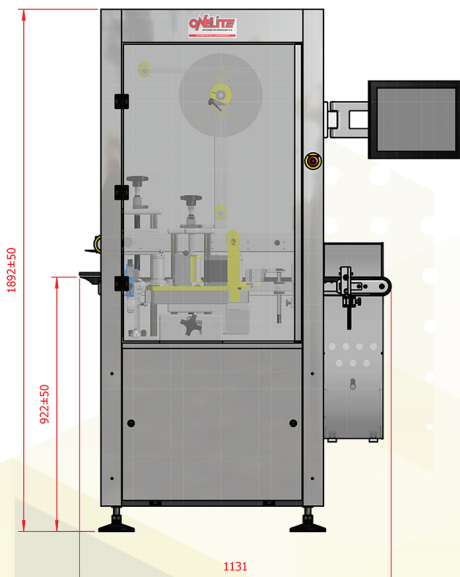
- Packaging spacer with adjustable speed, in synchronism with the machine rate.



- LED 15" touchscreen panel, providing a friendly operation experience.



AR-BOX PLUS Technical Data



Dimensions	1130 x 1065 x 1900 mm (Length x width x height)		
Weight	480 Kg		
Voltage	110V/220V + T / 50/60Hz		
Installed power	0,8 KVA		
Compressed air	6 bar (87 PSI)		
Noise level	< 70 dB(A)		
Production capacity	100 - 400 cases/minute*		
Velocity range	10 - 40 meters/minute		
Admissible case size	Length	80 mm - 180 mm.	(B)
	Height	15mm - 85mm.	(H)
	Width	30 mm - 120 mm.	(A)
Admissible label size	Height	25mm - 50mm	
	Width	15mm - 40mm	
Printing area	12,7mm		
Print	Thermal Inkjet (TIJ)		
Camera	High Resolution		

*The maximum production depends on the sizes of the case to be processed.