

## TECHNICAL INFORMATION ABOUT THE SORTER

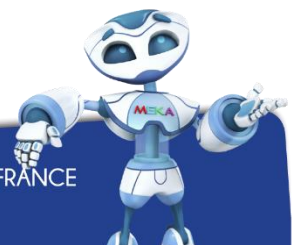
### WITH ALPHA: POUR IT AND IT'S SORTED!

ALPHA allows to control automatically an order within 5 seconds and meets the mandatory box per box traceability rule during the reception of a delivery.

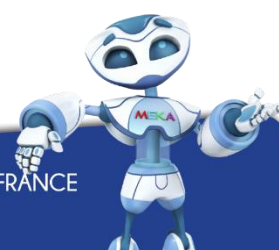
The Sorter ALPHA exists in 2 models:

- Coupled with the robot OMEGA or with the OPTIMAL robot /automate
- Alone, it allows a validation box per box of your deliveries, a link with your orders and a sorting of products according to the various storage places of the pharmacy.

In both cases, it allows to respect the legal obligation of traceability of the box (batch number) and the automatic integration of the « best before » date allows to work in FEFO (1st expired, 1st out) rather than in FIFO (1st in, 1st out).



MAIN THEME	SECONDARY THEME	DETAILS
DIMENSIONS	L x W x H In mm	1015 x 900 x 1485
EXCLUDED PRODUCTS		Width > 175 mm, cylindrical products, thickness <7 mm Weight > 1.5kg
FONCTIONNEMENT	START	Automatic or by pressing the single button on the ALPHA
	PRODUCTS IDENTIFICATION	Barcodes, 2D codes, weight and dimensions of each box
	PRODUCTS SCAN	High-speed detection and processing of the code by 6 cameras
	BATCH MANAGEMENT	2D datamatrix Codes
	OUT-OF-DATE MANAGEMENT	2D datamatrix Codes (FIFO)
	OTHER TYPE OF MANAGEMENT	Each box is considered as been unique
AUTOMATIC ERROR CORRECTION		Packaging or code defects are automatically managed by ALPHA thanks to the various sensors and cameras. The boxes concerned are then isolated from the system to avoiding any bug of the process.
PROCESSING SPEED		Alone: 600 boxes/hour Combined with the robot: 360 boxes/hour
SORTING	ALONE	Stock sorted, ready to be stored according to the storage areas in the pharmacy
	COMBINED	Stock sorted, available for the OMEGA Robot
OPTION		ALPHA PLUS: possibility to increase the initial volume capacity (for deliveries made in a single operation) through an unlimited conveyor belt system.





## PHARMACY ROBOTIZED SOLUTIONS

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