



Optrel
engineering
Stevanato Group



Automatic Inspection Machine

MCA 200

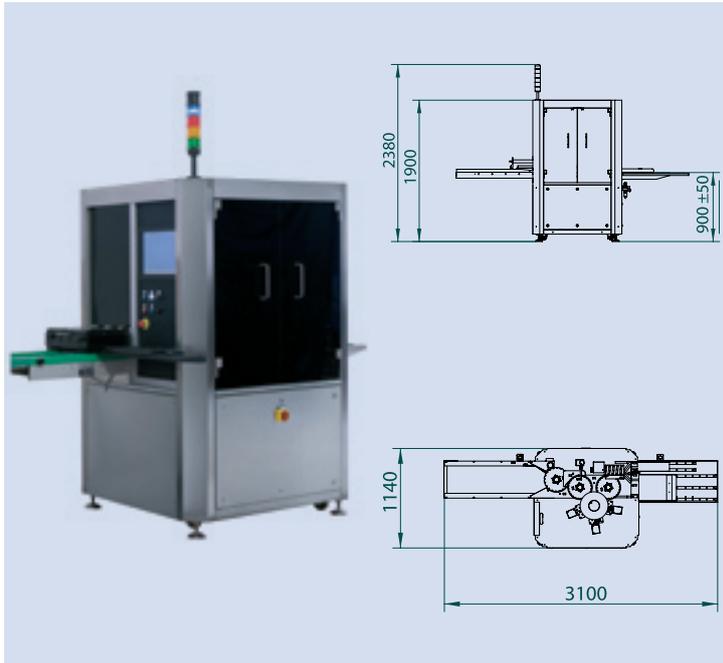


Stevanato
group

synchronized solutions

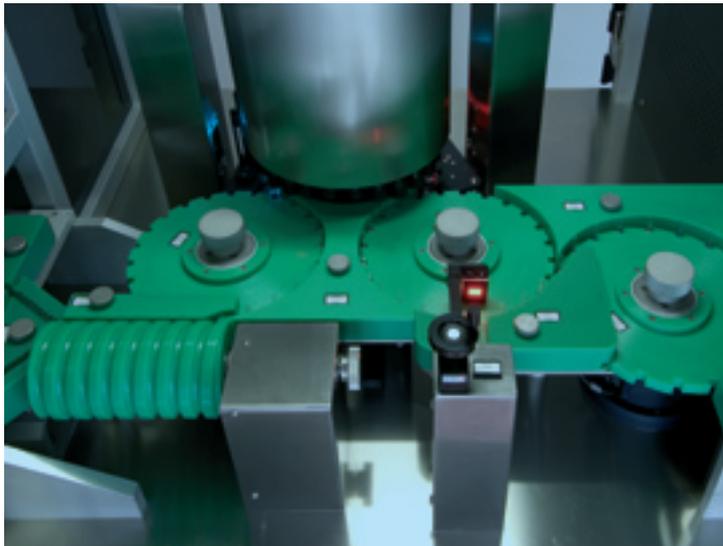
MCA 200 - AUTOMATIC INSPECTION MACHINES

The machine has been designed to be inserted into all the modern pharmaceutical production lines. Several options of infeed system has been designed in order to satisfy most of the customers demands. The main machine's turret is equipped with 24 spindles. The lower part of the spindle is rotated or stopped according to the inspection to perform. Each container undergoes a series of inspections along the carousel by means of monochromatic CCD digital cameras. Each inspection station



consists of a camera and its dedicated LED light source available from bottom or from the back. An additional station for the tip shape inspection with its dedicated reject device can be supplied. All the acquired images are sent directly to the PC and processed by our dedicated vision system. The container is accepted if all inspection results are received as positive by the PLC. This system works with Siemens WinCC scada. If requested validation procedure could be in compliance with 21 CFR part.11.

A 15" colour touch screen Operator Interface allows production monitoring and modification of parameters. A specific window gives the image of the selected camera and the inspection result in real time. Self-explanatory menus and sub-menus facilitate use of the machine, permitting easy monitoring of process, product choice and effective management of all parameters and failure and alarm handling.



The operator interface is in the user's language.

When a product is selected for inspection from the product database, all programs and inspection parameters will be loaded into the vision system. Inspection parameters are password protected. A printer connection is available, standard PC interface, to print documents illustrating production data and preset regulation parameters for each product.

TECHNICAL DATA

MACHINE MODEL	CONTAINER DIAMETER		CONTAINER HEIGHT		OUTPUT (C/hour)	STANDARD VOLTAGE
	min	max	min	max		
MCA 200	Ø 8,65	Ø 30	35	100	12.000	400 V 50 Hz

Indicative data: to be confirmed after samples definition
Environment conditions: T 10°C - 40°C ; R.H. 70% (max) ; altitude 2.000 mt (max)

OPTREL Ltd. S.r.l.

Via Saviabona, 104 CAVAZZALE
36010 Monticello Conte Otto (VI) -
Tel. +39 0444 597878 - Fax +39 0444 299091
e-mail: sales@optrel-ltd.com - www.optrel-ltd.com