

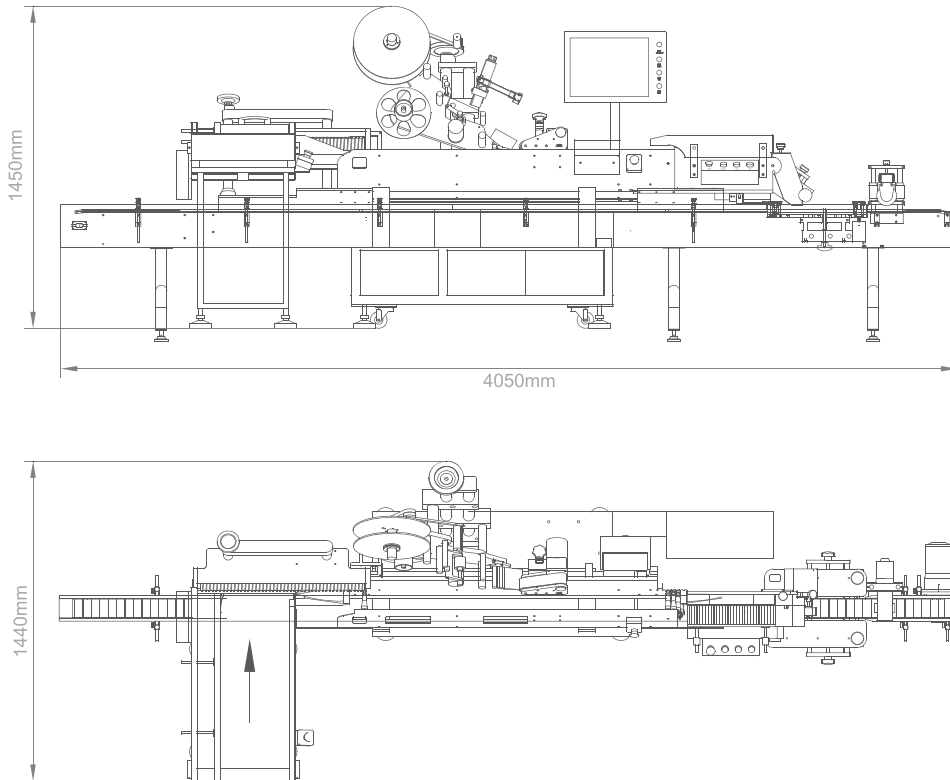
# Colamark



## Colamark A205R High Speed Vial Labeling and Tray Inserting System

A205R is the perfect integration of the A205 High Speed Vial Labeling System and the RH1 High Speed Tray Inserting System for a seamless one step operation of the two processes. The system offers extra high speed operation, proven stability, and flexible material change. Applicable to vials, ampoules and other thin and narrow bottles.





## Features

- Trunnion conveyor for material transport for stable and high speed operation for the thin and narrow bottles. Trunnion rollers support the bottle for labeling to ensure extra alignment precision.
- Timing screw and special turning guide to separate and perfectly synchronize the bottles on to the trunnion conveyor to ensure smooth material feeding at very high speed.
- Patented bottle cushioning mechanism at the material entrance to prevent breakage during high speed feeding.
- Various inspection devices available to ensure output quality, including missing label, missing code, OCR and barcode etc.
- Patented rejection mechanism which can accurately take out failed products online during high speed operation.
- Specially designed proprietary tray insertion device to insert the label bottles into the inner packaging trays for the downstream cartoning operation.
  - ▶ Accurate positioning of packaging trays using multiple sensors
  - ▶ Easy changeover for different bottle size or tray size
  - ▶ Various methods for tray loading: manual, use of the TF series inline tray former, automatic tray feeder.
  - ▶ Bottle buffer before tray insertion which will slow down or stop the labeling operation when running short of trays, and to stop the tray loading operation when running short of bottles or labels.
- Various coding devices available for synchronized online coding at high speed: hot stamping, thermal transfer overprinting, inkjet or laser.
- User friend interface which provides comprehensive help menus, information on system status and alerts.

## Machine Model

## A205R

Object size range	Ampoules1-20ml ; Oral drink bottles, vials7-20ml
System speed	Max.600 bottles/min, Stable 500 bottles/min
Labeling precision	±0.5mm (other than errors from bottles or labels)
Power Consumption	220V 50Hz 2.2kW
Machine Dimensions	(L)4,050mm × (W)1,450mm × (H)1,440mm

(Custom engineered solutions are available to cater for customer's special needs.)

For continuous improvement on design and product innovations, all specification data are subject to change without prior notice

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