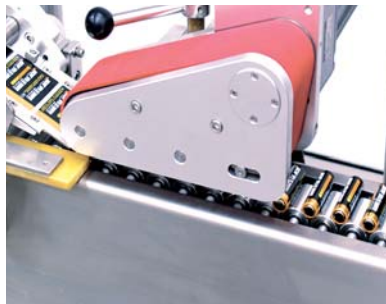


Colamark



Colamark A204R Battery Labeling System

MULTI-FUNCTION! Colamark A204-R is an ideal high labeling solution for automatic wrap-around labeling on No.5 & No.7 batteries.

CONTINUOUS Production! The high-capacity material tank ensures non-stop batteries supply.

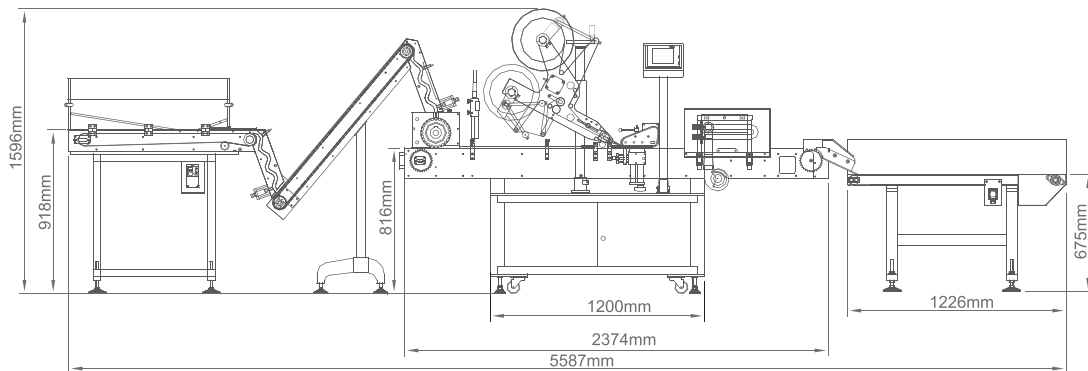
Trouble Free! Batteries are being transferred to a climbing conveyer the snake-shaped dispensing channel on the roller conveyor delivers and feeds the batteries into the star wheel for labeling. The complete mechanism ensures speed and stable operation.

OPERATE SIMPLY! Feeding, conveyor, labeling, heat shrink and packing in on pass. Collection conveyor is available for downstream delivery.

SAFE & FLEXIBLE! The system can be used either stand-one, or integrated easily into the existing production line.

Features

- ▶ All-in-one pass: Material tank → Roller conveyor → Star wheel feeding → Labeling → Heat shrink → Packaging conveyor, collection.
- ▶ Easy changeover for different battery sizes: just change the separating wheel to swap between No.5 and No.7 batteries.
- ▶ Use of through-beam photo sensors for materials level detection. Achieve automatic speed adjustment at low material level, and automatic stop when no material
- ▶ Automatic suspension of labeling process when the shrink tunnel is over-heated or under-heated avoiding label wastage from improper heat shrinking.
- ▶ Automatic temperature control of the shrink tunnel for good protection:
 - Adjustable temperature and blowing intensity for optimal labeling effect.
 - When the conveyor is stopped for a prescribed duration, the shrink tunnel will automatically stop heating to avoid over heating the two ends of the batteries in the tunnel.
 - When the conveyor is stopped completely, the shrink tunnel will stop heating and blowing.
- ▶ Optional polarity detection feature: Automatically detects batteries placing in wrong polarity orientation and rejection.
- ▶ Double safety features at the feeding mechanism: torque detection and emergency stop. When a mis-located battery blocks the star wheel, the machine will stop automatically.



Machine Model	A204R
Battery Size	No.5 (Dia. Φ 13.8 mm) No.7 (Φ 10 mm)
Labeling Precision	\pm 0.2 mm (Other than errors from batteries or labels)
Stable production capacity	300ppm (Depends on battery & label sizes)
Max. production capacity	350ppm (Depends on battery & label sizes)
Power Consumption	220VAC \pm 5% 50Hz 3kW (Exclude material tank & roller conveyor)
Machine Dimensions	(L)5588mm \times (W)680 mm \times (H)1600mm

(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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