

Laboratory Label Automation

CERTAINTY, TRACKED TO WHEREVER YOU PLACE YOUR LABELS.

Computype offers a range of labeling automation solutions to increase throughput, ensure consistency and accuracy, while reducing the potential for human error. Whether integrated or stand-alone operation is required, Computype has an automatic labeling solution. The ultimate in reliability, precision and efficiency, you'll see improved workflows almost immediately.

Precise label placement and application speeds at least double that of manual application ensure a cost-justified investment for precise, automatic labeling of labware.



Tube & vial label automation



AXON 1

The Axon 1 was designed to print and apply labels quickly and efficiently to a range of tube and vial sizes. Capped or uncapped tubes or vials are placed vertically in the applicator arms, and with a tap of the touchscreen the tube is labeled.

PRINT TECHNOLOGY	Thermal Transfer
PRINT RESOLUTION	300 or 600 dpi
ACCEPTABLE TUBE SIZE RANGE	Length: <130 mm Diameter: 7-26 mm (opt. 35mm)
FOOTPRINT	Benchtop
OPERATOR INVOLVEMENT	Moderate
PROCESSING SPEED	4 + seconds per tube/vial (varies by speed of operator)



AXON 2

The Axon 2 is a low throughput volume tube and vial label applicator offering reduced operator involvement when compared to manual labeling. The operator places the tube or vial in the applicator arms, taps the touchscreen icon and the labeled tube is either dropped into the tray or removed by hand.

PRINT TECHNOLOGY	Thermal Transfer
PRINT RESOLUTION	300 or 600 dpi
ACCEPTABLE TUBE SIZE RANGE	Length: <120 mm Diameter: 7-22 mm
FOOTPRINT	Benchtop
OPERATOR INVOLVEMENT	Moderate
PROCESSING SPEED	4 + seconds per tube/vial (varies by speed of operator)

Microplate automation



S3200

The S3200 precisely places labels on well plates for reduced waste and more efficient downstream processes. Semi-automated operation increases speed and productivity through reduced operator effort.

PRINT TECHNOLOGY	Thermal Transfer
PRINT RESOLUTION	300 or 600 dpi
PLATE NEST ADJUSTMENT	Manual
FOOTPRINT	Benchtop
OPERATOR INVOLVEMENT	Moderate
PROCESSING SPEED	8 seconds per plate (varies by speed of operator)

HOW DOES AUTOMATION STACK UP?

Find out how automation compares to a manual or pre-barcoded labware marking strategy

Label replication



SCAN-ONE PRINT-ONE REPLICATOR

Computype laboratory label replicator systems are specially modified to solely perform the task of replicating individual labels. Simply scan the label you'd like to replicate to print your new label. Using Zebra printers as a base, our replicators ensure a familiar, intuitive user experience and years of providing scannable, durable barcodes to the life sciences and blood banking industries. Compatible with TS976 tube and vial labels.

PRINT TECHNOLOGY	Thermal Transfer
PRINT RESOLUTION	300 dpi
FOOTPRINT	Benchtop
OPERATOR INVOLVEMENT	Moderate
PROCESSING SPEED	5 seconds per item (varies by speed of operator)

	MANUAL	AUTOMATED	PRE-BARCODED
THROUGHPUT SPEED	Variable and time consuming	Consistent & efficient	Consistent. Must consider shipping and handling times
PLACEMENT PRECISION	Variable	Consistent	Consistent
COMPLEXITY & INVOLVEMENT	Complex, significant team effort	Simple. Ranges from a team effort to light monitoring in involvement	Simple. Beyond ordering and storage the process is entirely hands off
FOOTPRINT	Variable, often requires a large space and storage	Fixed, anywhere from a desktop to a dedicated room	Storage only
INVESTMENT	Ongoing overhead	Budgeted	Ongoing overhead
POTENTIAL FOR ERROR	Human elements influence potential for inaccuracies	Capable of integrating directly with your internal systems to reduce likelihood of error	Confirmed with our state of the art vision system
DOES IT ALIGN WITH FUTURE GROWTH?	Under most circumstances, no. It's time consuming and unreliable	Yes, it offers increased efficiency and accuracy	Yes, it offers increased efficiency and accuracy