Automated Tube & Vial Labeling

Stand-alone and integrated solutions
to increase throughput and accuracy

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Give Tubes & Vials an Identity, Automatically:

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 effciency, 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 tubes and vials.

Our Tube & Vial Application Options:

Flex TubePro

The Flex TubePro is a high throughput volume tube and vial label applicator. It's our fully automated option, requiring mininal operator involvement. The tube and vial feeder system allows the operator to simply place up to 2,000 tubes or vials into the hopper, press a button and return to labeled tubes or vials within a couple of hours.

For further efficiency improvements, the Flex TubePro is capable of being integrated into an automatic placer system—or other robotic equipment—for a fully automated workflow.

Though the Flex TubePro features print and apply automation, it can also accommodate pre-printed labels. Various tube and vial shapes and sizes can also be accommodated with specialized discs and nests.

- Hands-free, high volume operation allows your employees to focus on what's most important

- Integrate directly into your current workflow and LIMS system

- Print linear or 2D barcodes, even at small scale with high resolution capabilities

- Quickly and reliably print and apply unique labels to your tubes and vials with little to no operator involvement

- Reduce waste and downtime with accurate, high speed label application

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TubePro

The TubePro is a low to moderate throughput volume tube and vial label applicator offering reduced operator involvement in comparison to manual labeling. The operator simply places the tube in the applicator nest and application is triggered as the light curatin senses the operator removing their hand from the system.

Though the TubePro does feature print and apply automation, it can also accomodate pre-printed labels. Various tube and vial shapes and sizes can also be accommodated with specialized nests.

• Integrate directly into your current workflow and LIMS system

• Print linear or 2D barcodes, even at small scale with high resolution capabilities

• Quickly and reliably print and apply unique labels to your tubes and vials

• Reduce downtime with consistent and accurate label application

• Reduce liability for repetitive strain injury and ensure safety with light curtain

cab Axon 2

The Axon 2 is a low throughput volume tube and vial label applicator offering reduced operator involvement in comparison 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.

The Axon 2 was designed to include print and apply automation and can accommodate a range of tube and vial sizes.

• Stick to your budget with this affordable print and apply option

• Minimize the amount of labor required so your employees can focus on what's most important

• Integrate directly into your current workflow and LIMS system

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• Print linear or 2D barcodes, even at small scale with high resolution capabilities

• Quickly and reliably print and apply unique labels to your tubes and vials

• Reduce downtime with the intuitive interface and maintenance processes

• Say good-bye to handwritten labels and economically upgrade your process

	Flex TubePro	TubePro	cab Axon 2
Print Technology	Thermal Transfer	Thermal Transfer	Thermal Transfer
Resolution	600 DPI	600 DPI	300 or 600 DPI
Acceptable Tube Size Range	Length:12-90mm Diameter: 6-15mm	Length:12-90mm Diameter: 6-15mm	Length: <105mm Diameter: 10-17mm
Real Estate	Requires floor space	Desktop	Desktop
Operator Involvement	Low	Moderate-high	Moderate-high
Processing Volume	High	Low-medium	Low
Processing Speed	<.5 seconds per tube/ vial (fixed)	1-5 seconds per tube/ vial (varies depending on speed of operator)	1-5 seconds per tube/ vial (varies depending on speed of operator)
Base Price	$100,000+	$35,000+	<$8,000+

Still Don't See What You're Looking For?

Don't see anything that meets your needs? Don't fret! We've still got two more labeling solution options to fit more specialized needs.

Custom Automation

We uphold excellent patnerships in the automation equipment industry, allowing us to offer our customers fully customized automation in addition to our standard solutions.

If your facility has special requirements or unique concerns regarding the processing of your samples that will impact the labeling process, please let us know and we can work with you and our partners to build a more suitable custom automated solution.

READY Labware Services

If your facility is aware of all necessary label information ahead of time and is looking to eliminate labeling from your to-do list, you might want to look into our pre-barcoded labware progam.

With READY Labware Services we take on the task of sourcing and procuring your desired labware, marking your containers and making sure it arrives safely at your door. In addition to the convenience of recieveing your labware with barcodes already applied, you gain access to enhanced durability marking technologies and a number of additional services, including: tare weighing, nase free preparation, sorting & kit preparation.

Your specific needs combined with our barcode sequence management service, global account management and strict quality standards ensure you'll be spending more time on scientific activities and less time worrying about your labeling strategy.

How Does Automation Stack Up?

	Manual	Automated	Pre-Barcoded
Throughput Speeds	Variable	Consistent	Consistent
Precision	Variable	Consistent	Consistent
Simplicity	Complex	Simple	Simple
Real Estate	Variable, often requires a large space and storage	Fixed, anywhere from a desktop to a dedicated room	Storage only
Speed	Inconsistent and time consuming	Efficient	Wait for your order to arrive in the mail
Investment	Ongoing overhead	Budgeted	Ongoing overhead
Safety	Human elements influence potential for inaccuracies	Capable of integrating with your internal systems	Confirmed with our state of the art vision system
Labor Required	Significant team effort	Team effort, light monitoring required	Purchasing places an order
Does it align with future growth?	Not really, it's time consuming and unreliable	Yes, it offers increased efficiency and accuracy	Yes, it offers increased efficiency and accuracy

Ready to optimize your labeling strategy?

Discuss your current processes and goals with one of our barcode labeling professionals today! We can help match you to the best automated solution for your practices.

Get in touch with one of our labeling pro's today!

Click here to learn more about our label options!

Find out how you can fit automation in your practice, with our justification formula

Computype
2285 West County Road C
Saint Paul, MN 55113-2567
USA
800-328-0852 | 651-633-0633

contactus@computype.com
www.computype.com