AUTOMATED TUBE & VIAL LABELING:

STAND-ALONE AND INTEGRATED SOLUTIONS
TO INCREASE THROUGHPUT AND ACCURACY
Give Tubes & Vials an Identity: Automatically.

Computype offers a range of labeling automation solutions to increase throughput, ensure consistency and accuracy, and reduce 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 TUBES AND VIALS:

**PR100i Tube Pro:**  
Print-and-apply labels in half the time of manual labeling

- Manual present, automatic label application to tubes and vials of various shapes and sizes with or without caps
- Precisely labels (±0.35 mm tolerance) up to 900 pieces per hour; twice as fast as manual labeling
- Easy changeover to accommodate high mix / low volume labeling with no tools needed

**PR100i Tube Pro with Light Curtain:**  
Labels applied in half the time, plus extra safety

- Manual present, automatic label application to tubes and vials of various shapes and sizes with or without caps
- Precisely labels (±0.35 mm tolerance) up to 900 pieces per hour; twice as fast as manual labeling
- Easy changeover to accommodate high mix / low volume labeling with no tools needed
- Fully enclosed unit operates on a motion sensor for added safety features
- Fewer touch points to trigger system start allows for increased ergonomic benefits
Automatically sorts, orients, dispenses and labels tubes and vials from 6 mm – 50 mm in outside diameter with or without caps

Processes and precisely labels (±0.35 mm tolerance) up to 40 pieces per minute, allowing for up to 2 hours of walkaway time

Easy changeover accommodates different tube / vial sizes with no tools needed

A quiet and improved upgrade to a noisy vibratory bowl that also performs labeling tasks

Easily integrates into other workflow automation for seamless handling of labware

Fully automated system enables uniform processing, increases throughput, and virtually eliminates human error

Flex TVF Bulk Tube and Vial Feeder: Upgrade your noisy vibratory bowl

Automatic labeling done in 2 hours

Automatically sorts, orients, dispenses and labels tubes and vials of various sizes/shapes, with or without caps

Processes and precisely labels (±0.35 mm tolerance); allowing for up to 2 hours of walkaway time

Easy changeover accommodates different tube / vial sizes with no tools needed

A quiet and improved upgrade to a noisy vibratory bowl that also performs labeling tasks

Easily integrates into other workflow automation for seamless handling of labware

Fully automated system enables uniform processing, increases throughput, and virtually eliminates human error

Flex Tube Pro Automatic Tube and Vial Labeler: Bulk labeling done in 2 hours

Automatically sorts, orients, dispenses, labels and racks tubes and vials of various sizes/shapes, with or without caps

Processes and precisely labels (±0.35 mm tolerance); allowing for up to 2 hours of walkaway time

Easy changeover accommodates different tube / vial sizes with no tools needed

A quiet and improved upgrade to a noisy vibratory bowl that also performs labeling tasks

Easily integrates into other workflow automation for seamless handling of labware

Fully automated system enables uniform processing, increases throughput, and virtually eliminates human error

Jazz 400R: Automatic tube and vial labeling plus a robotic placement cell

Automatically sorts, orients, dispenses, labels and racks tubes and vials of various sizes/shapes, with or without caps

 Processes and precisely labels (±0.35 mm tolerance); allowing for up to 2 hours of walkaway time

Easy changeover accommodates different tube / vial sizes with no tools needed

Integrates with tray handlers, indexers and conveyors for seamless handling of labware

Full automation and integration provides the most efficient solution to labeling, enables uniform processing, increases throughput, and virtually eliminates human error

<table>
<thead>
<tr>
<th>Automatic Labeling and Handling of Tubes and Vials</th>
<th>PR100i Tube Pro</th>
<th>PR100i Tube Pro with Light Curtain</th>
<th>Flex TVF Bulk Tube &amp; Vial Feeder</th>
<th>Flex Tube Pro Tube &amp; Vial Labeler</th>
<th>Jazz 400R</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labels up to 900 pieces / hour with precision placement tolerance of ± 0.35 mm</td>
<td>•</td>
<td>•</td>
<td>•</td>
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<tr>
<td>Hands-free processing of up to 2,000 pieces/2hrs of walkaway</td>
<td></td>
<td></td>
<td>•</td>
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<tr>
<td>Orient for label placement in the correct location</td>
<td>•</td>
<td>•</td>
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<tr>
<td>Dispenses in bulk or to next stage in automation process; integrates into existing workflow systems</td>
<td>•</td>
<td>•</td>
<td>•</td>
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<tr>
<td>Racks labeled labware via a robotic placement cell</td>
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</table>
READY Labware Services
All the benefits of automation without the capital investment

A comprehensive, modular service program for labware identification that’s ready when you are, Computype’s READY Labware Services are the preferred choice for many of the top 20 Big Pharmas. We’ll build a solution for you that includes your choice of the following services:

› Labware sourcing and procurement
› Pre-marking of containers
› Precision tare weighing
› Custom packing and kitting

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

Tube and Vial Labels Resistant to the Extremes and Suitable for Automatic Application: Temperature and chemical-resistant solutions

<table>
<thead>
<tr>
<th>Container Shape:</th>
<th>Cryo Hold Bullet</th>
<th>Cryo Hold Wraparound</th>
<th>Permanent Mark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Container Size:</td>
<td>Micro centrifuge conical shape</td>
<td>Cylindrical tubes and vials</td>
<td>Glass &amp; Plastic Labware</td>
</tr>
<tr>
<td>Application Technology:</td>
<td>Pressure Sensitive; Suitable for automation</td>
<td>Pressure Sensitive; Suitable for automation</td>
<td>Permanently marked onto container surfaces</td>
</tr>
<tr>
<td>Resistant to:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>DMF</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Methanol</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Acetone</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>-80°C</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>-196°C</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Tare Weigh to:</td>
<td>0.1 mg</td>
<td>0.1 mg</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>Benefits:</td>
<td>Bullet shape accommodates tube style; also available with cap labels</td>
<td>Self-adheres, image / barcode never directly exposed</td>
<td>A permanent identification solution</td>
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</tbody>
</table>

WE’D LOVE TO HEAR FROM YOU.

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