

# Labware Prep™ Services.

**CERTAINTY, TRACKED TO WHEREVER YOU PLACE YOUR LABELS.**

Combining Thomas Scientific's workflow expertise with Computype's Labware Prep Services, your labware arrives on time, pre-identified with tried and true pressure sensitive labels, innovative cured ink and laser technologies, and fired-on ceramic permanent IDs. Our Labware Prep™ Services are flexible, and the preferred choice for organizations focused on pharmaceutical development, biotechnology, diagnostics and repository storage.

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

“  
Computype consistently provides the best labeling solutions for us because they took the time to learn our applications.  
”



1. Pre-marking of containers
2. Precision tare weighing
3. Custom packing and kitting

## Harsh environments, meet extreme performance.

TESTING REQUIREMENTS, TRACKED TO RESILIENCE



### **TEMPERATURES:**

- Oven 500°C
- Autoclave 122°C
- Incubator 40°C
- Refrigerator 4°C
- Freezer -20°C
- Deep Freeze -80°C
- Vapor Phase -170°C
- Liquid Nitrogen -196°C



### **CHEMICALS:**

- DMSO
- Methanol
- Acetone
- Isopropyl Alcohol
- Xylene
- Staining



## How does this program work?

### STEP 1.

Work with your Thomas Workflow Consultant to select the best labware solution for your application.

### STEP 2.

Fill out a simple one sided form to describe your Labware Prep needs from barcoding, grad lines, tare weigh needs and the package format for the labware you would like to receive.

### STEP 3.

You're done, now your Thomas rep will work with Computype to provide you with a proposed design, and if needed for validation, live samples for your inspection, normally at no cost to you.

Once validated you will receive a detailed proof/drawing for your review and approval then we go to work producing your custom labware with a turn time of typically 4 weeks from proof approval.



## Challenges, meet game-changing technology.



### PRESSURE SENSITIVE LABELS

- Specially engineered, harsh environment labels are precisely applied to your containers
- Suitable for plastic or glass containers
- A cost-effective option when a permanent solution is not required
- Can be tare weighed
- Unaffected by temperatures ranging from 122°C to -196°C
- Resistant to common lab chemicals like DMSO, methanol, acetone, isopropyl alcohol, water
- ID options include side (linear barcode) and bottom (2D)



### LASER IDENTIFICATION

- A laser is used to apply the marking to a container
- Suitable for various surfaces including plastic, glass, metal and wood
- More permanent ID solution vs. pressure sensitive labels
- Can support stable tare weight
- Resistant to extreme temperatures, from cryo conditions to high heat
- Resistant to common lab chemicals like DMSO, methanol, acetone, isopropyl alcohol, water
- ID options include side (linear barcode) and bottom (2D)



### CURED INK

- Barcode or image printed on container utilizing Pre-barcoded Labware's proprietary Direct Mark technology
- Suitable for both glass and plastic containers
- More permanent ID solution vs. pressure sensitive labels
- Can be tare weighed, with no change in weight over time
- Unaffected by temperatures in the range of 200°C to -196°C
- Resistant to common lab chemicals like DMSO, methanol, acetone, isopropyl alcohol, water
- A mid-price solution with many of the benefits of more expensive ID options
- Full color marking allows for further ease of identification



### CERAMIC IDENTIFIERS

- Identifier is fired into the container, permanently bonding with the glass
- Suitable for glass containers only
- A truly permanent mark that survives the life of the container
- Can be tare weighed, will not change weight over time
- Unaffected by temperatures in the range of 500°C to -196°C
- Resistant to common lab chemicals like DMSO, methanol, acetone, isopropyl alcohol, water
- ID options include side (linear barcode) and bottom (2D)



We don't have to worry about things like labels, barcodes, container sourcing or weight, because Thomas Scientific and Computype do all of that for us.

