

TRACKING SUCCESS

LABORATORY LABEL SOLUTIONS & PRODUCTS GUIDE



YOU CAN COUNT ON IT™





CORPORATE CAPABILITIES OVERVIEW

CompuType is the premier global provider of automated identification products that utilize barcode technology. We are known for dependable ID solutions, as well as designing and producing labels that survive harsh environments. Our products can be found in such critical sample tracking applications as the diagnosis of cancer and other serious diseases, the screening of the nation's blood supply, and on almost every unit of donated blood in the USA.

If you have a demanding application, then we have a label for you. Just ask our repeat customers, some who have been with us for decades.

CONTENTS

Industry Capabilities	3
Services / Products	7
Labels	9
Applicators	13
Printers	15
Scanners	17



INDUSTRY CAPABILITIES

In our over forty years in the barcode identification business, we've created all kinds of labeling solutions for a variety of industries. Here's a sampling.

DIAGNOSTIC INSTRUMENTATION

Every day our labels test the nation's blood supply and help with diagnosing diseases, especially cancer. Our labels are trusted in clinical diagnostic and research settings because they're designed for extreme environments, withstanding heavy doses of heat and chemicals. And whatever the shape, size, color or construction of your particular needs, our labels are fully customizable. Recently, we've added another step to our label printing process: a vision-based system that checks every single label to make sure it's scannable, in the correct place in the sequence, and it's not a duplicate.

We offer a wide range of reliable labeling solutions for this industry, including Flexible Lamination After Printing (FLAP) slide labels, reagent labels including Cryo-Hold, and customizable pre-printed labels and labware. Due to the rising trend toward automation, we also offer applicators that can withstand the demands of manufacturing and keep up with your output needs.

CLINICAL TESTING LABS

Currently, Computype products are used by the largest clinical testing services in the country. The reason is simple: our products and services shine in these difficult environments. We sell more slide labels into clinical testing labs than any other company. As you read this, tens of millions of Computype slides are being used, including an industry first: a histopathology label that stands on its own. But it goes beyond just the ink and adhesive we use on our labels. We understand mistakes in traceability are a disaster. With Computype, you can trust that our labels are scannable, and thanks to our rigorous testing processes all duplicates and errors have been eliminated before you receive the labels. With Computype, you can trust that it's durable and traceable.

We're popular among testing labs for our Flexible Lamination After Printing (FLAP) slide labels, reagent labels including Cryo-Hold, and a variety of slide label solutions that come in all shapes and sizes.

AUTOMATION

Most automation suppliers and integrators use Computype labels. That's because over the years, we've become experts in automated label application. So much so, that suppliers trust our barcodes to make sure their systems run smoothly and correctly. That's thanks to our reliability when it comes to traceability.

We've partnered with applicator companies of the highest standards, and we offer applicators for all types of labels, labware, settings, needs, and production speeds. An important part of the puzzle is custom design of labels for auto-application: you can't use off-the-shelf labels for most applicators.

COMPOUND MANAGEMENT / DRUG DISCOVERY

When we ask people in the compound management/drug discovery industry what the most important thing is to their business or research, they all tell us the same thing: traceability. Our track record of quality assurance and creating fully customizable labels that can withstand harsh chemical and heat treatments means you can be sure your samples are safe with Computype.

Not only do we offer applicators for automated application, but we offer the most complete array of automation solutions for all kinds of applications: microwell plates, slides, tubes or microtubes. You might also be interested in our LabelEase and Tare-weighing program, which provides labware that's pre-labeled and weighed for your needs.

LABWARE SUPPLY

Computype is a trusted partner to some of the world's largest labware suppliers. Through the infrastructure we've built and products we've created, we've become known for solutions that make labware supply efficient, convenient and reliable.

We create labels that are ready for anything, so you can sell to anyone. Our labels are fully customizable, and can survive exposure to strong solvents and stains, heat, and cryogenic environments down to -196 C. We can supply you with the automation and applicators to prep your labels for shipment. And now our LabelEase program, which pre-labels labware, can be used to label the stock you're supplying. With Computype, you can run a more efficient labware supply business.

BIOREPOSITORIES / BIOBANKS

This is the industry where Computype made its name. That's because we've spent the past thirty-odd years focusing on ensuring our labels are extremely reliable when it comes to traceability. This attention to detail is the reason we do business with biorepositories including the largest academic biobank in the world. We can handle high volume, and we're available to researchers. Let Computype put this kind of expertise to work for you.

You've probably heard that our labels are fully customizable, and can survive exposure to strong solvents and stains, heat, and cryogenic environments down to -196 C. But it goes beyond that. Our adhesives are designed for any and every type of container, whether glass or plastic, and to hold on in all conditions. Our LabelEase program and label designers can custom fit labels and labware that's ready to use, right out of the box.

PERMAMARK

Available only through our LabelEase program, PermaMark is our premier permanent labeling option. Pre-imaged and ready to permanently bond to plastic or glass surfaces, this is the ultimate in made-to-order permanent labels.



SERVICES / PRODUCTS

CUSTOMIZED SOLUTIONS THAT FIT YOUR REQUIREMENTS

Whether you find it in one of our services like LabelEase, in our full line of laboratory products, or in collaboration with us to create a customized label for your needs, chances are good that one of our reliable ID products is the solution that fits your unique needs.

PRE-LABELED LABWARE

With Computype's LabelEase Program, you can expect ready-to-use pre-labeled labware delivered right to your door. Whether it's slides, microwell plates, tubes or other containers, we can provide them with labels attached either by pressure-sensitive adhesive or ceramic symbol permanently 'fired' onto the surface. Every pre-labeled item is scannable and sequential: no duplicates or unreadable barcodes in the bunch. All LabelEase labels are tough, and perform great in harsh environments like cryogenic, staining, harsh chemicals, high humidity, and high heat. LabelEase is perfect for labs looking for sample inventory tracking, better sample management, lab automation, or electronic data collection. Computype's LabelEase Program helps you keep things organized so you can focus on what's important: your labwork.

TARE WEIGHING

Paired with our LabelEase program, our new Tare-Weighing Service takes the burden out of your lab and lets Computype's labeling experts handle it for you. Performed in a dedicated, controlled environment our Tare-Weighing Service weighs to 0.1 mg, with an accuracy of ± 0.2 mg. Thanks to state-of-the-art equipment and software, you can expect full traceability to international standards, and a spreadsheet data summary.

CHEMICAL RESISTANCE							ENVIRONMENTAL								
Material	Typical Application	DMSO	Methanol	Acetone	Isopropyl Alcohol	Xylene	Staining	Oven 500 C	Autoclave 122 C	Incubator 40 C	Refrigerator 4 C	Freezer -20 C	Deep Freeze -80 C	Vapor Phase -120 C	Liquid Nitrogen -196 C

Material	Typical Application	DMSO	Methanol	Acetone	Isopropyl Alcohol	Xylene	Staining	Oven 500 C	Autoclave 122 C	Incubator 40 C	Refrigerator 4 C	Freezer -20 C	Deep Freeze -80 C	Vapor Phase -120 C	Liquid Nitrogen -196 C
Polypropylene															
TS818	Glass and plastic vials and tubes	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓
TS864	Plastic vials, tubes, bottles and flasks – glass slides	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		
TS839P	Microwell plates	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		
Polyolefin															
TS502	Glass vials, bottles and flasks	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		
Polyester															
TS955	Glass slides	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		
TS526 FLAP	Glass slides	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Ceramic															
TS951	Glassware	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓

CUSTOMIZED LABELS

Don't see something here you could use? Or have an idea of a label that would really help things run smoothly and more efficiently? Let us know. We're not just in the label business; we're in the customizable label business.

LABELS

CompuType offers a variety of labels, depending on your laboratory needs.

PRE-PRINTED LABELS

Our label offerings start with Pre-Printed Labels. These arrive as ready-to-use rolls made-to-order in terms of color, custom graphics and any ID information you need. Some of our pre-printed labels, like the ones from our LabelEase program, arrive fully printed and ready to use out of the box. Others arrive with room for custom information to be added to the label before, during, or after the label is affixed.

PRINT ON DEMAND LABELS

Our catalogue Print On Demand labels arrive without any special customization, but still boast our reliability in terms of ink, adhesive, and surviving the elements.



Cryo Hold Liquid Nitrogen labels are designed to completely wrap around a tube and self laminate. The labels are capable of holding up to direct or vapor phase liquid nitrogen exposure and an autoclave. The label / ribbon combination is resistant to solvents such as DMSO, methanol, isopropyl alcohol, etc. The following labels are configured for desktop or tabletop thermal transfer printers. The following label sizes are designed to work on 0.5 ml tubes all the way up to 50 ml conical tubes.

CRYO HOLD LIQUID NITROGEN

WRAP-AROUND LABEL FOR GLASS AND PLASTIC TUBES AND VIALS EXPOSED TO -196 °C

Label Size	Image Area	Material	Printer Type	Kit P/N	Qty per Roll
0.5" x 1.8 "	0.5" x 0.75"	TS818	Desktop	1020386-1	1000
0.5" x 1.8 "	0.5" x 0.75"	TS818	Industrial/High-Performance	1020386	3,000
0.68" x 2.5"	0.68" x 1.0"	TS818	Desktop	1020388-1	1,000
0.68" x 2.5"	0.68" x 1.0"	TS818	Industrial/High-Performance	1020388	2,000
1.0" x 2.625"	1.0" x 1.0"	TS818	Desktop	1020390-1	1,000
1.0" x 2.625"	1.0" x 1.0"	TS818	Industrial/High-Performance	1020390	2,000
1.2" x 3.5"	1.2" x 1.0"	TS818	Desktop	1020392-1	750
1.2" x 3.5"	1.2" x 1.0"	TS818	Industrial/High-Performance	1020392	1,500



Cryo Hold Freezer labels are an excellent choice for labeling glass tubes and vials and capable of holding up at -80 C freeze / thaw cycles and an autoclave. The label / ribbon combination is resistant to solvents such as DMSO, methanol, isopropyl alcohol, etc. The following labels are configured for desktop or tabletop thermal transfer printers. The following label sizes are designed to fit on 0.5 ml to 24ml glass vials.

CRYO HOLD FREEZER

LABEL FOR GLASS TUBES AND VIALS EXPOSED TO -80 °C

Label Size	Material	Printer Type	Kit P/N	Qty per Roll
0.75" x 0.5"	TS502	Desktop	2018426-1	1,600
0.75" x 0.5"	TS502	Industrial/High-Performance	2018426	8,000
1.0" x 0.5"	TS502	Desktop	1003121-1	1,600
1.0" x 0.5"	TS502	Industrial/High-Performance	1003121	8,000
1.5" x 0.75"	TS502	Desktop	1003963-1	2,500
1.5" x 0.75"	TS502	Industrial/High-Performance	1003963	5,000
2.0" x 1.0"	TS502	Desktop	1020268-1	1,750
2.0" x 1.0"	TS502	Industrial/High-Performance	1020268	5,250
3.0" x 1.0"	TS502	Desktop	1020273-1	1,750
3.0" x 1.0"	TS502	Industrial/High-Performance	1020273	5,250



Cryo Hold Freezer vial labels are an excellent choice for plastic tubes and vials and are capable of holding up at -80 C freeze / thaw cycles and an autoclave. The label / ribbon combination is resistant to solvents such as DMSO, methanol, isopropyl alcohol, etc. The following labels are configured for desktop or table top thermal transfer printers. The following label sizes are designed to fit on 0.5 ml to 50 ml conical tubes.

CRYO HOLD FREEZER

LABEL FOR PLASTIC TUBES AND VIALS EXPOSED TO -80 °C

Label Size	Material	Printer Type	Kit P/N	Qty per Roll
0.75" x 0.5"	TS864	Desktop	1013646-1	4,000
0.75" x 0.5"	TS864	Industrial/High-Performance	1013646	8,000
1.0" x 0.5"	TS864	Desktop	1004938-1	4,000
1.0" x 0.5"	TS864	Industrial/High-Performance	1004938	8,000
1.5" x 0.75"	TS864	Desktop	1020270-1	2,500
1.5" x 0.75"	TS864	Industrial/High-Performance	1020270	5,000
2.0" x 1.0"	TS864	Desktop	1004939-1	2,500
2.0" x 1.0"	TS864	Industrial/High-Performance	1004939	5,000
3.0" x 1.0"	TS864	Desktop	1020272-1	2,500
3.0" x 1.0"	TS864	Industrial/High-Performance	1020272	5,000



Cryo Hold Freezer Centrifuge labels are capable of holding up at -80 C freeze / thaw cycles and an autoclave. The label / ribbon combination is resistant to solvents such as DMSO, methanol, isopropyl alcohol, etc. The following labels are configured for desktop or table top thermal transfer printers. The following label are designed in the shape of a “bullet” to fit on 1.5 ml to 2.0 ml centrifuge tubes.

CRYO HOLD FREEZER BULLET

LABEL FOR PLASTIC MICROCENTRIFUGE TUBES EXPOSED TO -80 °C

Label Size	Material	Printer Type	Kit P/N	Qty per Roll
1.2" x 1.5"	TS864	Desktop	1004791-1	1,500
1.2" x 1.5"	TS864	Industrial/High-Performance	1004791	3,000
1.2" x 1.5" w/caps	TS864	Desktop	1005234-1	1,500
1.2" x 1.5" w/caps	TS864	Industrial/High-Performance	1005234	3,000



Our TS839P polypropylene plate labels are capable of holding up at -80 C freeze / thaw cycles and an autoclave. The label / ribbon combination is resistant to solvents such as DMSO, methanol, isopropyl alcohol, etc. The following labels are configured for desktop or table top thermal transfer printers.

MICROWELL PLATE LABELS

DESIGNED FOR AUTOMATIC APPLICATION

Label Size	Material	Printer Type	Kit P/N	Qty per Roll
2.0" x 0.25"	TS839P	Desktop	1004567-1	5,000
2.0" x 0.25"	TS839P	Industrial/High-Performance	1004567	10,000
2.0" x 0.25"	TS839P	Desktop	1004524-1	5,000
2.0" x 0.25"	TS839P	Industrial/High-Performance	1004524	10,000
2.75" x 0.25"	TS839P	Desktop	1004522-1	5,000
2.75" x 0.25"	TS839P	Industrial/High-Performance	1004522	10,000



We offer three different types of slide labels: TS864 polypropylene slide labels - a good general purpose label for everyday slide labeling. TS955 polyester slide labels - capable of holding up to direct immersion in xylene, DMSO, methanol, isopropyl alcohol, etc. TS526 polyester “Flap” labels - The FLAP is pressed on after the label is printed and helps protect the image during accessioning to grossing, through staining, checkout, review and archiving.

SLIDE LABELS

LABELS FOR GLASS SLIDES EXPOSED TO CHEMICAL PROCESSING

Label Size	Material	Printer Type	Kit P/N	Qty per Roll
0.875" x 0.875"	TS864	Desktop	1020278-1	2,500
0.875" x 0.875"	TS864	Industrial/High-Performance	1020278	5,000
0.875" x 0.875"	TS955	Desktop	1004781-1	2,500
0.875" x 0.875"	TS955	Industrial/High-Performance	1004781	5,000
0.875" x 0.875"	TS526 FLAP	Desktop	1020384-1	2,500
0.875" x 0.875"	TS526 FLAP	Industrial/High-Performance	1020384	5,000



APPLICATORS

Hand labeling of labware is tedious and time consuming. Luckily, automated labeling technology is at a point where you can trust the results and use the time saved for more important things. Computype and its partners offer multiple applicator solutions for every container type.

TUBES AND VIALS

Tubes and vials come in all shapes and sizes, both round and square. We offer applicators and printers to label them all. Begin with a premium class of 200-, 300-, and 600-dpi thermal transfer printers, add a wealth of factory-installed interfaces, and you have an ideal tool for label printing in demanding applications. Computype also offers barcode label design software, so the labels you print and apply can be perfectly matched to your needs.

MICROTUBES

We offer specialized printers and applicators for the automatic application of individually-printed labels on microtubes, automating the tedious task of applying human-readable barcode labels to storage tubes. Compatible with a wide variety of microtubes from brands such as Matrix, Abgene, Micronic and others. These applicators can also be adapted for use with a variety of other tube styles and sizes.

MICROWELL PLATES

For microwell plates, we can provide a high-quality automated plate labeling solution that has the ability to print and apply labels at speeds of up to one label every four seconds. The thermal label printer provides 600 dpi resolution, and has an array of 1D and 2D coding symbols specially selected for life science applications.

MULTIPLE SURFACES, MULTIPLE LABELS

Need an applicator that can handle multiple labels for multiple surfaces and do it efficiently? This thermal transfer, 600 dpi printer and multi-label applicator takes up very little space in a crowded lab, and uses any customized label from 4x4 mm to 100x100 mm. It can print and apply up to 12 distinct labels at once, with precision and accuracy for any surface: flat or curved. Perfect for high-speed processes, it's ready to increase productivity in any setting.

OTHER

Thanks to available printer and applicator modules, labels can be automatically printed and applied to virtually any labware item. Contact us for more information.



PRINTERS

It's important to take the time to figure out which label is right for each application. It's also important to take the time to figure out which printer is right for your needs. Computype can help you navigate the questions of size, symbology, color, cost-effectiveness, and, most of all, that sweet spot of accuracy and efficiency. Every day we handle these questions, and we can for you.

PORTABLE PRINTERS

Easy to use, and features What You See Is What You Get (WYSIWYG) label design and creation on an LCD screen. Just type in the text, double check on the screen that it's what you wanted, choose from several print sizes, and press the print button. This printer provides fast, high quality, thermal transfer printing for permanent and highly legible label printing.

DESKTOP SERIES

Offers exceptional versatility for printing smaller quantities of labels. The small footprint makes it a great choice for labs looking to conserve space without compromising performance. These simple-to-operate, low-maintenance printers reduce operating costs and provide flexible solutions through a variety of options and accessories.

INDUSTRIAL SERIES

An excellent mid-range printer for labs needing to print larger quantities of labels. It's capable of printing standard linear barcodes as well as 2-D barcodes, as well as Data Matrix and PDF-417

HIGH-PERFORMANCE SERIES

An industrial strength printer ideal for labs needing to print large quantities of labels. The 600-dpi printhead is unmatched at printing precise linear and 2-D barcodes, text, and graphics in a limited label space.

SOFTWARE BLURB

Our software solutions are designed to make your life easier and more productive. We offer: Label design software packages that work perfectly with printers and applicators. Inventory and sample tracking software. Scan-one-print-one systems giving you the ability to replicate a barcode label during aliquoting. Lab info management software that integrates printers and scanners. Database integration and more. Just ask us.



SCANNERS

CompuType spends so much time and energy on making sure our labels are scannable, in sequence, and not duplicates, it'd be a shame to offer scanners that could possibly let you down. From inexpensive hand-held devices, to scanner-equipped PDTs, we have the products and expertise to get you the results you need.

CCD SCANNERS

An excellent scanning performance at an attractive price. These durable scanners are a great choice for many general-purpose lab applications.

HAND HELD LINEAR SCANNERS

*Available cordless

A high performance line of linear scanners. Their slick look is combined with a rugged, durable construction. With no internal moving parts they are built for demanding work environments.

HAND HELD 2-D SCANNERS

*Available cordless

A high performance line of scanners capable of decoding 2-D barcodes, including Data Matrix and PDF-417. They are durable and versatile, with no moving parts.

PERSONAL DATA TERMINALS

We offer a full range of PDTs equipped with black and white or color LCD screens. These devices are capable of wireless communication, along with barcode scanning for real time data collection. Custom programming services are also available.

Computype offers the most complete line of reliable ID products to laboratories worldwide. We offer services like LabelEase, products like pre-labeled labware and applicators, and can work with you to create customized ID solutions for any laboratory requirement. And that's just the tip of the iceberg. This catalog is a great place to start looking for an ID solution that fits your unique needs.

We'd love to hear from you, and tell you more.
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