

thermoscientific



Data integrity at your fingertips

Securing your samples with integral solutions.

**ThermoFisher**  
SCIENTIFIC

# Accurate, reliable sample identification

## Vial Identification System

From sample entry to final reports, everything an analytical lab does revolves around ensuring accurate data and reliable results. Chromatography vial sample identification can be complicated, because once the sample is in the vial, there is no easy way to identify it. Current methods, like handwritten or adhesive labels, can be illegible or time consuming, and no accurate, reliable and efficient system for vial sample identification existed...until now.

The Thermo Scientific™ Virtuoso™ Vial Identification system is the most innovative device for ensuring sample identity and sample security ever developed. By providing a fast, accurate, detailed and reproducible system for producing customized sample information directly onto a vial, Virtuoso has revolutionized vial identification.

Vial holder with capacity up to 25 vials



Input data instantly from the touch screen interface

Add text, graphics and barcodes

Create your own custom format or use one of the preloaded templates to make accurate labeling quick and easy. Logos and images available with software update.

File management made easy

Virtuoso's network connectivity allows you to transfer label information from your files

Start-to-finish in 5 seconds

Fully labeled vial completed in just 5 seconds

## It's not just a label; it's an information system

The fully automated Virtuoso Vial Identification system uses proprietary technology to ensure that worries about label permanence are a thing of the past. Resistant to common laboratory solvents, a Virtuoso labeled vial will withstand the test of time. Virtuoso will also bring greater productivity to your lab and increase productivity by up to eight times over your current labeling method.

Virtuoso enables you to record the information your laboratory needs directly on the vial. Text and barcodes are possible using the touch screen interface or using the included software to automate the process. Not sure how to format your vial label? Virtuoso comes loaded with templates that include standard information and with the ability to create user-defined custom templates that you can create to fit your needs. Virtuoso takes vial identification from a *necessary chore* into an *added value component* of your laboratory workflow.

## Simplify workflows and streamline chromatography and MS

Maximize productivity and reliability by using the Thermo Scientific™ Dionex™ Chromeleon™ Chromatography Data System (CDS) software. With Chromeleon CDS being the first CDS that combines separation (GC/IC/LC) and Mass Spectrometry (MS) in an enterprise (client/server) environment, you can now streamline label printing for your chromatography and MS workflows within a single software package. That's the ultimate in simplicity, productivity and reliability.



### Thermo Scientific Virtuoso Vial

Designed exclusively for use with the Virtuoso Vial Identification system, the Thermo Scientific Virtuoso vial provides the highest level of sample integrity and sample information possible.

Current Method	Thermo Scientific Virtuoso Vial Identification System
<b>Unreliable labeling process</b> <ul style="list-style-type: none"> <li>Adhesive labels aren't permanent or tolerant of common solvents</li> <li>Hand marking isn't permanent</li> </ul>	<b>Removes manual labeling, nearly eliminating labeling errors</b>
<b>Temporary, handwritten labels</b> <ul style="list-style-type: none"> <li>Smudges, smears and illegibility with handwritten labels</li> </ul>	<b>Improves data accuracy by providing reliable identification</b>
<b>Limited space for information on the vial</b> <ul style="list-style-type: none"> <li>Especially the case with handwritten labels</li> </ul>	<b>User-defined, customizable template provides more detail</b>
<b>Time spent creating temporary labels</b> <ul style="list-style-type: none"> <li>Hand labeling with log book</li> <li>Time creating and affixing adhesive labels</li> </ul>	<b>System frees resources for revenue generating activities</b>
<b>No automation of labeling process</b> <ul style="list-style-type: none"> <li>No link to CDS sequence or traceability</li> </ul>	<b>Traceable printing direct from Chromeleon CDS</b>

## Resources for chromatographers



### New Thermo Scientific Chromatography Columns and Consumables Catalog 2016–2017

This extensive catalog offers proven chromatography tools and product selection guides. Available online, with a robust search tool and optimized for your Apple iPad®.

Visit [thermofisher.com/catalog](http://thermofisher.com/catalog)

### Chromatography Resource Center

Our web-based resource center provides technical support, applications, technical tips and literature to help move your separations forward.

Visit [thermofisher.com/crc](http://thermofisher.com/crc)



For ordering information, please visit [www.thermofisher.com/virtuoso](http://www.thermofisher.com/virtuoso)