Thermo Scientific™
Smart-Tracker™

PC Software User Guide

327243H02   Rev. A   April 2015

Visit us online to register your warranty
www.thermoscientific.com/labwarranty

Part of Thermo Fisher Scientific

IMPORTANT Read this instruction manual. Failure to follow the instructions in this manual can result in damage to the unit, injury to operating personnel, and poor equipment performance.

CAUTION All internal adjustments and maintenance must be performed by qualified service personnel.

Material in this manual is for informational purposes only. The contents and the product it describes are subject to change without notice. Thermo Fisher Scientific makes no representations or warranties with respect to this manual. In no event shall Thermo be held liable for any damages, direct or incidental, arising from or related to the use of this manual.

Table of Contents

1 Introduction

1.1 Solution overview

Congratulations and thank you for choosing Thermo Scientific™ Smart-Tracker™. The overall solution is divided into three steps:

1. Start by ordering a Voucher to use Cloud services. Please contact your authorized sales representative to obtain vouchers.

2. Use Smart-Tracker application for PC to create company's account, add users, and pair all Smart-Tracker modules.

3. Install the Smart-Tracker application onto each smart device to program, start and stop missions, additionally to send data to the Cloud.

Note *Intermediary users who read your module or modules need not to be added in your Cloud company account. Only those people who program or stop missions need to be users of your company account.*

This User Guide describes the PC application enabling you to configure and use Cloud services associated with your Smart-Tracker temperature tracking modules.

When you read your Smart-Tracker modules with your smartphone or tablet, you can upload temperature readings and other information to the Cloud, where it can be accessed by other users via Smart-Tracker anywhere in world.

Figure 1.

The following features of the Smart-Tracker PC software are described in this User Guide:

- Company account creation, login, and user management

- Pairing Smart-Tracker modules to the service

- Viewing mission data uploaded by Smart-Tracker modules

- Managing vouchers for accessing the service

1.2 How it works

The Cloud serves as a storage and consolidation platform for data collected from Smart-Tracker modules.

When modules are read using the Smart-Tracker smartphone application, data can be uploaded over-the-air by the smartphone to the Cloud. This option is configurable in the application.

With the Smart-Tracker PC application, users can log into their accounts on the Cloud, where they can view and download information collected from Smart-Tracker modules.
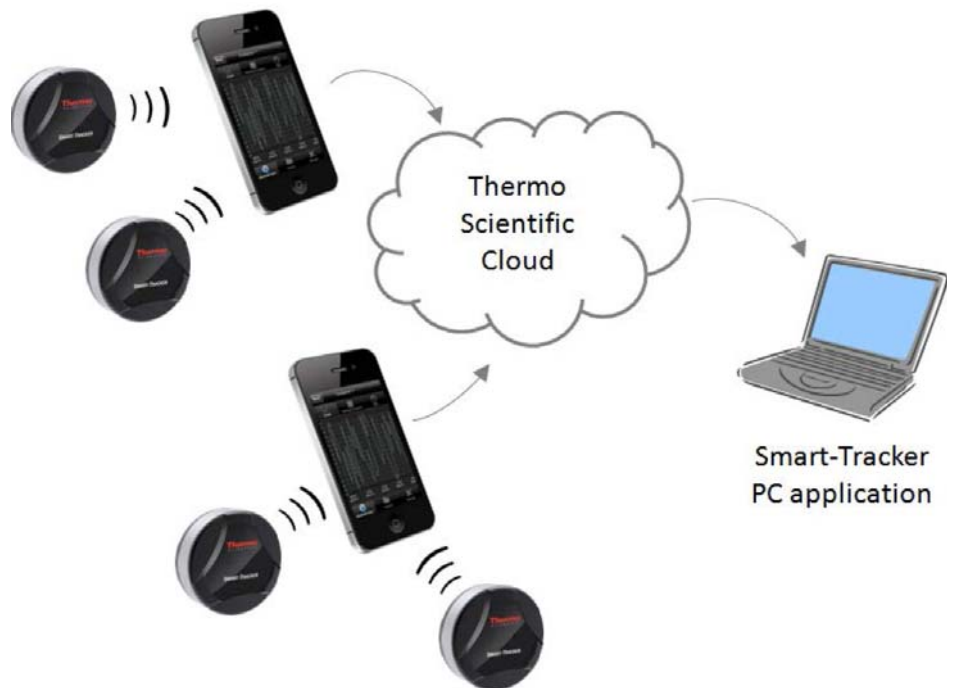
Figure 2. Accessing Smart-Tracker module data via the Cloud from the Smart-Tracker PC application

2 Getting started

2.1 Requirements

To use this Smart-Tracker PC application, you need:

- Personal computer with Windows 7 32-bit or higher, or Windows 8

- Recommended screen resolution: 1440 x 900 pixels

- 20 MB free disk space

- A voucher to activate your Smart-Tracker Cloud services.

- 1 or more Smart-Tracker modules and Smart-Tracker software installed on a smartphone or tablet (to upload module data to the Cloud)

2.2 Installing Smart-Tracker

Start by downloading and installing the Smart-Tracker application. For this, you will need an Internet connection on your computer.

1. Create a folder on your hard drive, such as:
   C:\Thermo\Smart-Tracker

2. Go to www.thermoscientific.com/smart-tracker

3. Click on the link to download Smart-Tracker PC application.

4. Download the file directly into the folder you created in Step 1 (or copy the file from your regular download folder).

5. Double-click on the icon to start the application.
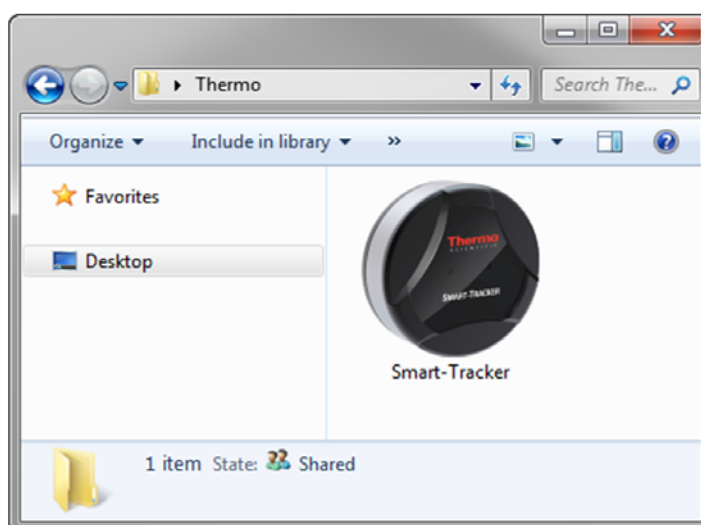
Figure 3. Smart-Tracker PC application in folder

3 Using Smart-Tracker

Here is a summary of the main application screen:

Connect:

login screen

View:

module readings and information

Profiles:

user and company information

Pairing:

Assigning modules to the Cloud service

Voucher:

managing Cloud credits for your modules

About:

General application information

Figure 4. Main Application Screen

3.1 Creating a company account

The first time you connect to the Cloud service, you must create your company account by entering user and company information and a voucher number.

Figure 5. Entering account information and voucher number

1. Click **Connect** on the main screen ➜ Create company account

2. Fill the required fields (marked with *).

3. Enter your voucher number (which is sent to you by e-mail after you purchase Cloud service vouchers).

4. Click **Create** when done.

To return to the main screen, click on the back arrow icon, which is present on all screens. Quit the application by pressing the escape key on the main screen, and click on the "X" icon in the lower right-hand corner.

3.2 Logging in to the Cloud service

1. Click Login on Connect screen.

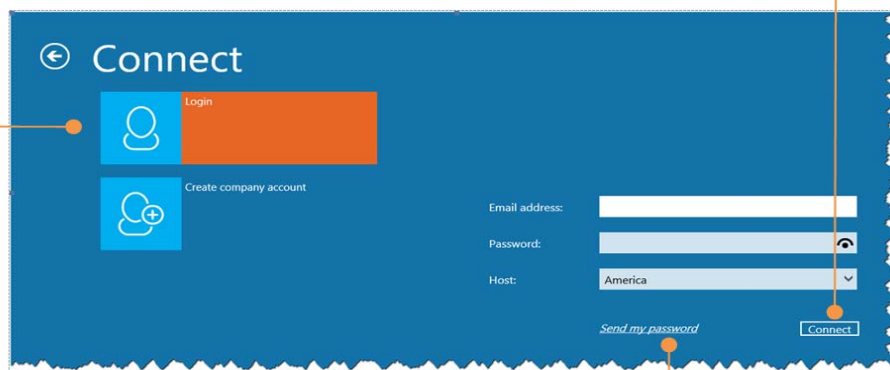2. Enter e-mail address and Password.

3. Click **Connect**.

Figure 6. Connect Screen

3.3 Forgot your password?

If you can't remember your password, click on **Send my password** on the Connect screen shown above.

A new password will be sent to the address configured for your account.

Note *The password will only be sent to a valid user that has already registered with a valid e-mail address.*

## 3.4 Recharging your account with voucher credits

The Thermo Scientific Cloud is a flexible service that allows you to upload and download data collected by Smart-Tracker modules. As mentioned earlier, you must purchase credits, in the form of a voucher, to create your company account and benefit from Cloud storage and access.

Vouchers are valid for a specified period of time, for a specified number of modules. Contact Thermo Scientific or your authorized sales representative for more information.

When you purchase credits to recharge your account, you will receive a voucher with information to enter into Smart-Tracker (just as you entered a first voucher number to create your Company account).

To see your account's voucher status:

1. Click **Vouchers ➔ My voucher**
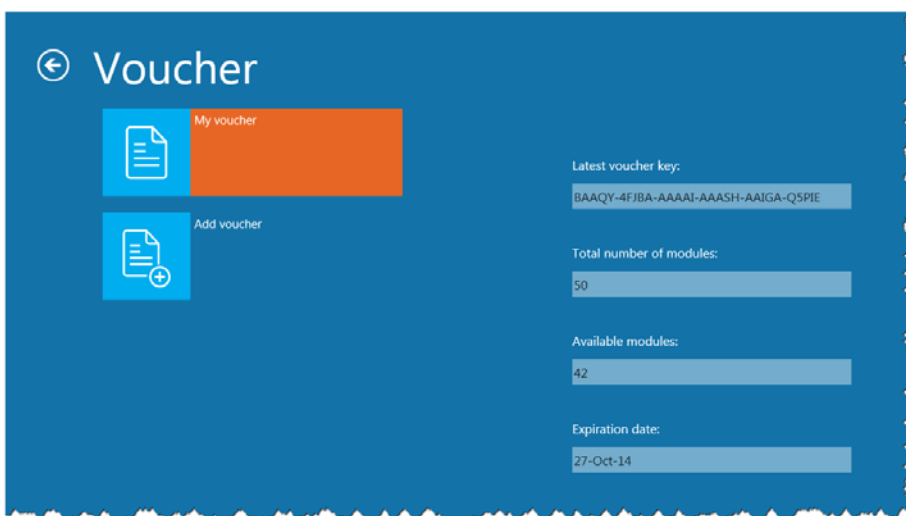
Figure 7. Checking current voucher status

Latest voucher key	The number of the last voucher key you entered.
Total number of modules	The number of Smart-Tracker modules covered by the voucher.
Available modules	Remaining Smart-Tracker modules that you may pair with the service. Note: If you delete a module from the service, this number increments automatically.
Expiration date	The date at which the Cloud service expires for the overall pool of modules. The data still remains available after service expiration.

3.5 Entering a new voucher key

When you receive a new voucher:

1. On the main screen, click on **Voucher ➔ Add voucher**

2. Enter the new voucher key and click **Submit**.
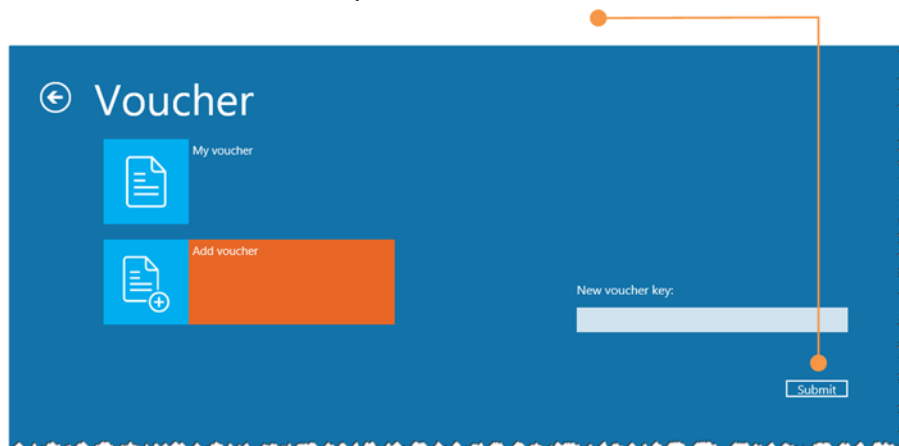
Figure 8. Entering a new voucher key

3.6 Pairing Smart-Tracker modules with the service

You must use the application to add each Smart-Tracker module that you intend to connect to the Cloud service.

To add modules to the service:

1. On the main screen, click **Pairing ➔ Add module**

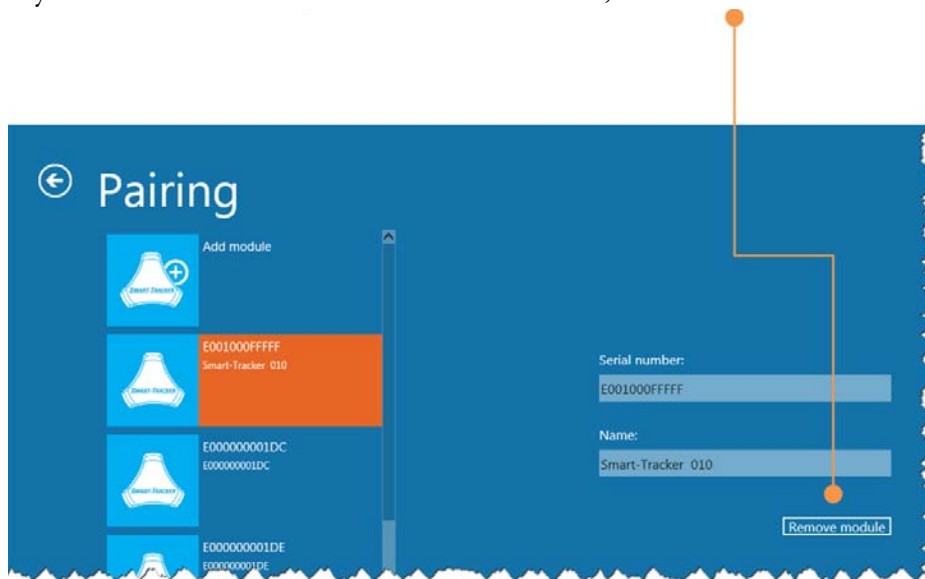2. Enter the serial number of the module you wish to add, and click **Add module**.
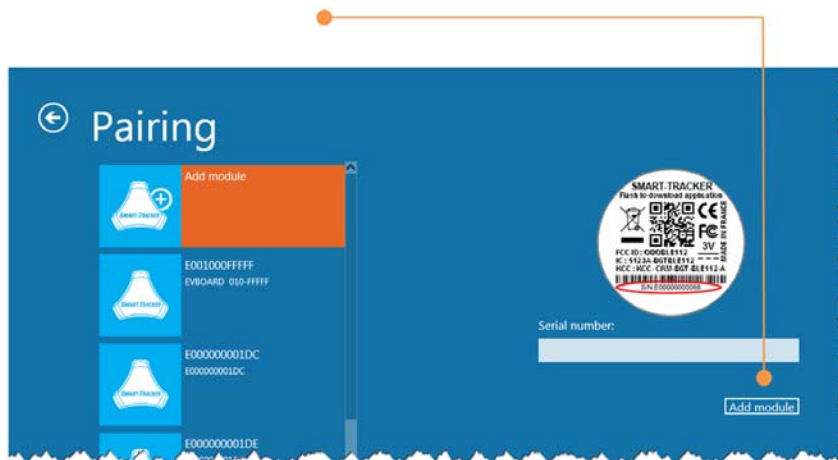
Figure 9. Adding a module to the Cloud service

3.7 Viewing or removing modules

Click **Pairing** on the main screen to see all the modules you have paired with the Cloud service.

If you wish to remove a module from the service, click on **Remove module**.


Figure 10. Viewing or removing modules

3.8 Renaming modules

Smart-Tracker module names are assigned with the Smart-Tracker smartphone/tablet application, when defining a mission. Modules names cannot be changed within the PC application.

3.9 Viewing data uploaded by Smart-Tracker modules

You can use Smart-Tracker to access all the information uploaded to the Cloud by your Smart-Tracker modules.

1. On the main screen, click **View** and select a Smart-Tracker module from the list.

2. You may scroll through the mission list or use the date filters to display missions started between certain dates. Click **Apply** to use the selected dates.
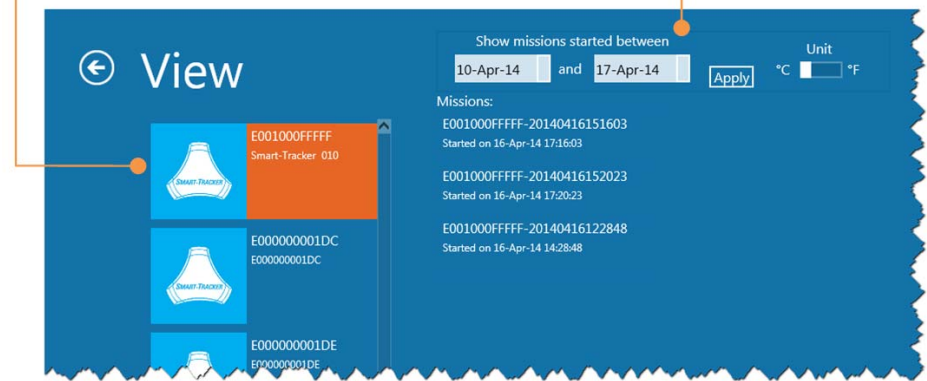
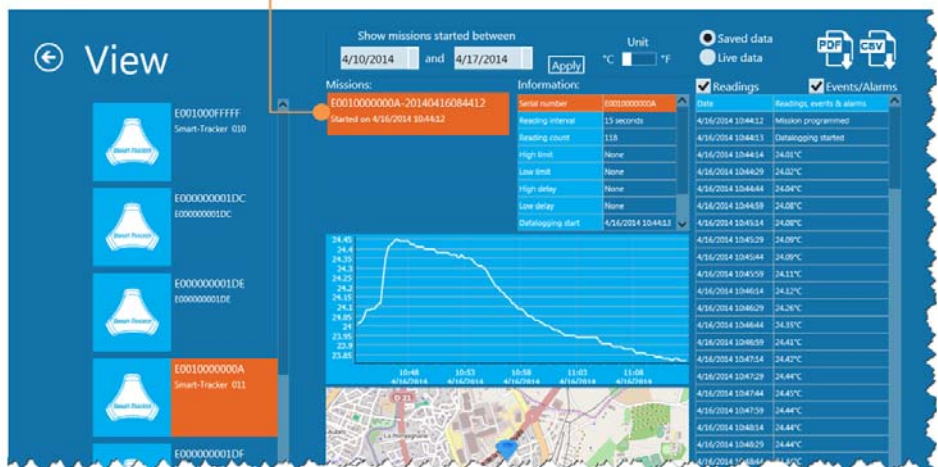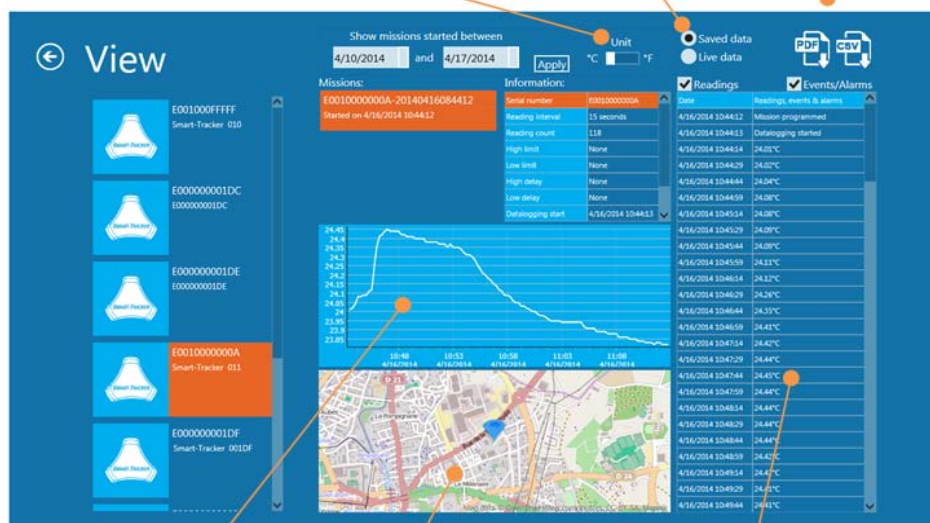3. Click a mission to view complete details.

Figure 11. View Screen

Other items on the View:

Create reports in CSV or PDF format (files are saved under Reports in Smart-Tracker folder).

Choose to display values in °C or °F (click on mission to refresh).

View stored data or live (latest) data from modules running in Watch Mode.

Graph of temperature readings.

Google Map showing points at which the Smart-Tracker module was read (if geolocation activated on iPhone).

List of all temperature readings, events, and alarms with date/time stamp. At the top of the list, you may click on Readings or Events/Alarms to show the information you want.

Figure 12. View Screen

In **Live data** mode, the list on the right-hand of the screen shows the latest reading in module memory, pushed according to the Watch Mode interval specified in the SmartTracker mobile application (*iOS only*). Readings with alarms are shown with an alarm symbol. Events and alarm types are not displayed in this list.

In **Saved data** mode, use the checkboxes to show readings and/or events, and alarm types.

3.10 Adding new users

You may add as many users as you want to your Cloud account.

1. From the main screen, click **Profiles ➔ New user.**

2. Fill in the required information in the provided fields.

3. In the Level field, indicate the access rights:

User	Regular user with view-only rights
Administrator	User with access to all features

4. Choose the types of e-mail notifications the user shall receive for all of the company's modules programmed by that same user (assuming the Cloud connection is activated on your mobile or tablet device).

Alarms	E-mail is sent if an alarm is detected.
Mission started	E-mail is sent when the mission is started.
Mission read	E-mail is sent when the mission is read by the Smart-Tracker smartphone/tablet application.
Mission stopped	E-mail is sent when the mission is stopped.

Figure 13. Profiles Screen

3.11 Updating user information

You may modify or remove user profiles at any time

1. From the main screen, click on **Profiles ➔ User list**

2. Click on a user name in the list. ●

3. Edit the information as needed and click on **Save changes**.

4. To delete this user, click on **Remove user**.

Figure 14. Profiles Screen

3.12 Updating company information

You may modify company information at any time:

1. From the main screen, click on **Profiles ➔ Company information.**

2. Edit the information as needed.

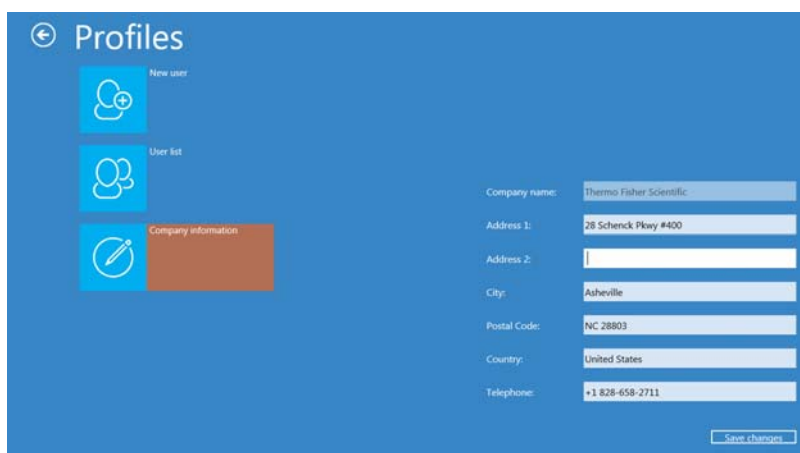3. Click **Save changes** when done.

Figure 15. Profiles Screen

Important

For your future reference and when contacting the factory, please have the following information readily available:

License Number: _____

Date Purchased: _____

The above information can be found on the dataplate attached to the equipment. If available, please provide the date purchased, the source of purchase (manufacturer or specific agent/rep organization), and purchase order number.

IF YOU NEED ASSISTANCE:

Thermo Scientific products are backed by a global technical support team ready to support your applications. We also offer cold storage accessories, including remote alarms, temperature recorders and validation services. Visit www.thermoscientific.com or call:

USA/Canada		**Germany international**	
Sales:	+1 866 984 3766	**Sales:**	+49 6184 90 6000
India toll free		**Germany national toll free**	
Sales:	1800 22 8374	**Sales:**	0800 1 536 376
India		**Italy**	
Sales:	+91 22 6716 2200	**Sales:**	+32 02 95059 552
China		**Netherlands**	
Sales:	+800 810 5118 (or) +400 650 5118	**Sales:**	+31 76 579 55 55
Japan		**Nordic/Baltic/CIS countries**	
Sales:	+81 3 5826 1616	**Sales:**	+358 9 329 10200
Australia		**Russia**	
Sales:	+61 39757 4300	**Sales:**	+7 812 703 42 15
Austria		**Spain/Portugal**	
Sales:	+43 1 801 40 0	**Sales:**	+34 93 223 09 18
Belgium		**Switzerland**	
Sales:	+32 53 73 42 41	**Sales:**	+41 44 454 12 22
France		**UK/Ireland**	
Sales:	+33 2 2803 2180	**Sales:**	+44 870 609 9203
New Zealand		**Other Asian countries**	
Sales:	+64 9 980 6700	**Sales:**	+852 2885 4613
		Countries not listed	
		Sales:	+49 6184 90 6000

Thermo Fisher Scientific Inc.

275 Aiken Road
Asheville, NC 28804
United States

www.thermofisher.com

Thermo
SCIENTIFIC