sartorius

Installation Instructions | Installationsanleitung
Notice d'installation | Manuale d'installazione
Instrucciones de instalación

Sartorius
YCC01-USBM2
YCO12 (USB-SBI), YCO13 (USB-BPI)

RS-232/USB Interface Cable
Verbindungskabel RS232/USB
Câble de connexion RS232/USB
Cavo di collegamento RS232/USB
Cable de conexión RS232/USB

98647-003-67

English page 3
In cases involving questions of interpretation, the German-language version shall prevail.

Deutsch Seite 9
Im Auslegungsfall ist die deutsche Sprache maßgeblich.

Français Page 15
En cas de problème d'interprétation, la version allemande fait référence.

Italiano pagina 21
Nei casi di interpretazione dubbia prevale la versione in lingua tedesca.

Español Página 27
En caso de duda o interpretaciones dispares sobre el contenido de esta documentación, prevalecerá la versión en idioma alemán.

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Intended Use

This USB interface cable is a solution that enables connection of a balance to a computer on the USB (universal serial bus) port. The USB interface is implemented as a virtual serial interface over RS-232 (virtual COM port). For the application program running on the computer, there is no difference between a serial interface physically installed in the PC and one enabled in the form of a virtual interface. The interface offers the same capabilities in either case.

The equipment supplied with the USB interface cable includes a CD containing the software drivers you need to set up a virtual interface on your computer.

Compatibility

- YCC01-USBM2:
  Connect a Sartorius weighing instrument with 25-pin data interface
- YC012 (USB-SBI), YC013 (USB-BPI):
  Connect a Sartorius PMA series scale

System Requirements

- Computer (PC) running the Windows® 98SE, Windows® ME, Windows® 2000 or Windows® XP operating system
- Available USB port

Warnings and Safety Precautions

Installation

⚠ Be sure to turn off the power of the equipment on either side of the cable before connecting or disconnecting this cable.

● Securely fasten the D-SUB male connector to the balance or scale.

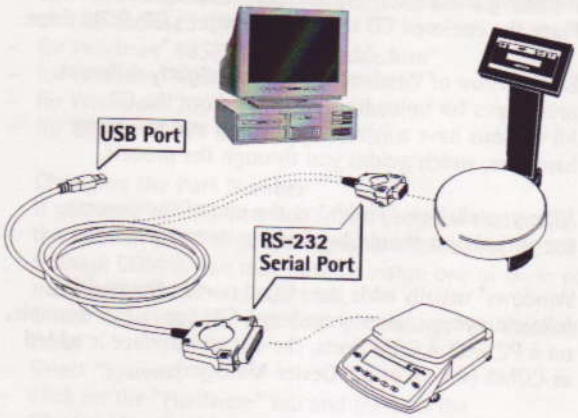
Safety

⚠ Use the cable only indoors and only in such a way that penetration by foreign objects or liquids is prevented.

⚠ Use the USB interface connector only outside hazardous areas.

Installation

- Disconnect the balance/scale power supply:
  Unplug the AC adapter from the wall socket (mains).



- Connect the cable to the balance/scale and to the USB port on the computer.
- Plug in the balance/scale and switch it on.

> Windows® detects the cable connected to the USB port. The first time the cable is detected, Windows® automtically runs the Wizard for adding/removing hardware (see "Initial Connection" below).

Initial Connection

Installing the Drivers for the USB Interface

1. Place the enclosed CD in your computer's CD-ROM drive.

2. Each version of Windows® may have slightly different procedures for uploading the driver from the CD. All versions have a Wizard for adding and removing hardware, which guides you through the process.

3. After you click on "Finish" at the end of the process, the virtual port should be ready to operate.

   Windows® usually adds the virtual port in the position following your highest-numbered COM port. For example, on a PC with 4 COM ports, the virtual interface is added as COM5 (shown in the Device Manager).

Notes on Installation

The following installation instructions can be found on the enclosed CD-ROM:

- for Windows® 98SE: see "w98guide.htm"
- for Windows® ME: see "wmeguide.htm"
- for Windows® 2000: see "w2kguide.htm"
- for Windows® XP: see "wxpguide.htm"

Changing the Port Number

If you use the USB interface with a program that limits the number of COM port designations (e.g., only COM1 through COM4), you may have to assign one of these port numbers to the new virtual port.

- Select "Start" (on the task bar) → "Settings" → "Control Panel"
- Select "System"
- Click on the "Hardware" tab and then on the "Device Manager" button
- Expand the "Ports (COM & LPT)" mode (click on the "+" sign)
- Double-click on "USB Serial Port (COMx)" to open the "Properties" page
- Click on the "Port Settings" tab and then on the "Advanced..." button

Changing the Latency Timer

In the dialog opened above for changing the port number, you can set the latency timer to 1 msec for faster data communication.

Plug & Play Mode with Autoprint (SBI)
To use the autoprint function, you need to deactivate the plug & play mode. This setting in configured in the same dialog as that described above for changing the port number.

Using Different USB Ports on a Single PC
Driver installation must be performed each time the cable is connected to a different USB port. It is a good idea to use the same port every time, if possible.

Deinstalling the Driver
- Select "Start" → "Settings" → "Control Panel"
- Select "Adding/Removing Software"
- "FTD1USB Serial Converter Driver"
- Click on "Add/Remove" to confirm

> The software is deinstalled.

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