

USB Converter

AX-USB-9P, AX-USB-25P, AX-USB-DIN, AX-USB-WIRE

INSTRUCTION MANUAL

Outline

- When connecting a weighing instrument such as the viscometer, moisture analyzer, scale or balance manufactured by A&D to a PC (personal computer) without COM ports:

The USB converter, when connected to the USB port of a PC, adds a COM port to the PC and enables communications between the PC and the weighing instrument.

Composition

- USB serial converter 1 pc.
- RS-232C cable 1 pc. Note: The cable provided varies depending on the product.

Product name	RS-232C cable provided
AX-USB-9P	D-Sub 9-pin female - D-Sub 9-pin female
AX-USB-25P	D-Sub 9-pin female - D-Sub 25-pin male
AX-USB-DIN	D-Sub 9-pin female - DIN 7-pin female
AX-USB-WIRE	D-Sub 9-pin female - loose wire

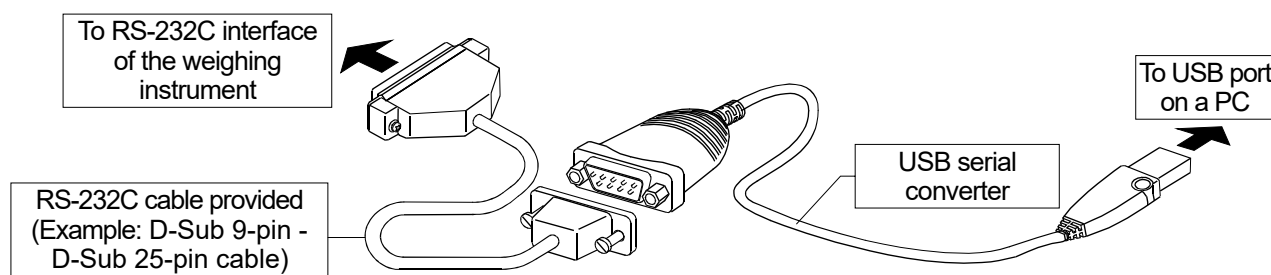
- An RS-232C interface is required for connection. If the instrument has no interface, purchase the optional RS-232C interface.

How to Use

- 1 Connect the USB serial converter to the USB port on a PC.
- 2 Install a driver to the PC. About the installation procedure, refer to the USB serial converter instruction manual.
- 3 Using the RS-232C cable provided, connect the USB serial converter to the weighing instrument.
- 4 Now the weighing instrument is ready to collect data, using data communication software such as WinCT.
 - A&D provides the Windows Communication Tool WinCT free of charge. If your weighing instrument does not have the WinCT CD, download WinCT from the A&D website (<https://www.aandd.co.jp/>).
 - As the USB converter adds a COM port to the PC, software currently installed, may be used.

Note:

- The number of the COM port added varies depending on the PC used. Use the Windows Device Manager to check COM port numbers. Refer to the back side for details on checking COM port numbers.
- Change the WinCT COM port number to that of the COM port added.
- Windows is the registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.



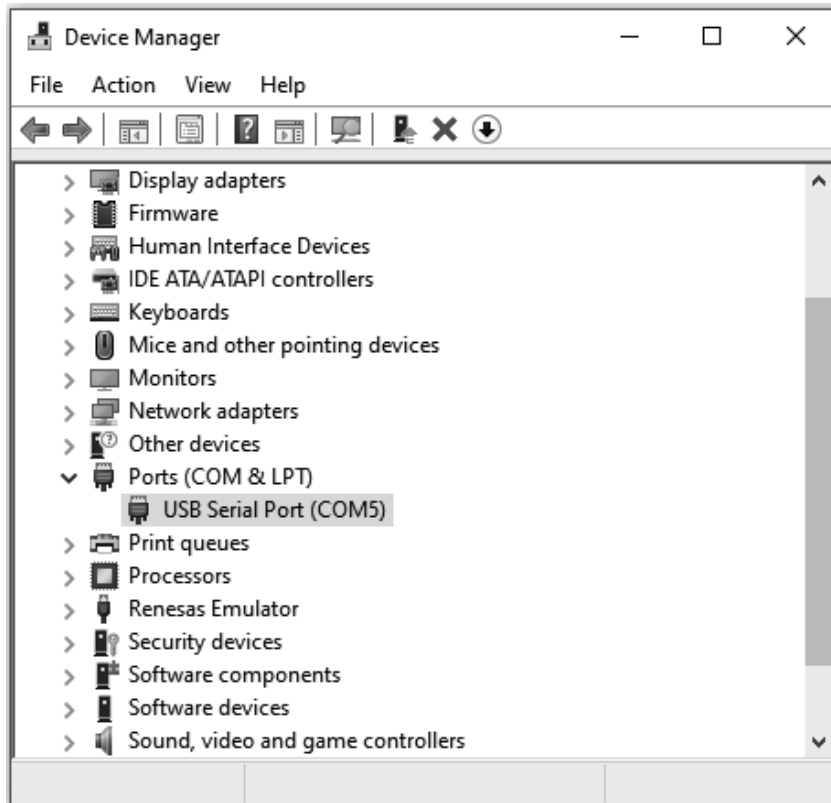
Checking COM port numbers (for Windows10)

1. Right-click the "Start" button and select "Device Manager."
2. Double-click "Ports (COM and LPT)" to display the COM port number.

When the USB converter is used, "USB Serial Port (COMX)" appears.

In the example below, the COM port number is "5".

Change the WinCT COM port number to that of the COM port added.



Checking COM port numbers in [Device Manager]