

Installing Ariva Virtual COM port driver

1. For Windows machines only! (not Linux) Including:
 - a. Windows 8 64-bit
 - b. Windows 7 32- and 64-bit
 - c. *See below for Windows 10.*
2. Execute *METTLER_TOLEDO_Ariva_USB_Driver_b1.exe* to install drivers.
 - a. Follow the menu to install the driver.
 - b. Automatically detects the operating system (32 or 64 bits) and installs the correct driver.
3. Plug Ariva USB cable into PC and scale.
 - a. Use Mettler-Toledo cable P/N 72256236.
 - b. PC should recognize that a new device has been added.
 - i. See Windows Device Manager to identify the created COM port.
 - c. Note: the scale must be configured for Virtual Com Ports. See below.

Windows 10

1. This Thesycon driver has not been officially validated by Mettler Toledo on Windows 10.
2. Windows 10 released *usbser.sys* to handle Virtual Com Port devices automatically.
 - a. *Usbser.sys* is Windows' VCP driver.
 - b. Does not require an additional Certificate.
 - c. More information lives here:
<https://msdn.microsoft.com/en-us/windows/hardware/drivers/usbcon/usb-driver-installation-based-on-compatible-ids>
3. We encourage Ariva users to use *usbser.sys* for Windows 10 systems.

Configuring the Ariva Scale for Virtual COM Ports

IMPORTANT: If a store POS system uses USB Virtual COM Ports then *normally they purchase Ariva scales pre-configured for Virtual COM Ports*. Therefore changing menu item 3.1 is not typically required. However, if an Ariva scale has menu item 31 not equal to 1 (Virtual COM Ports) then this procedure is necessary to connect to a Virtual COM Port POS system.

NOTE: if you ever get confused in menu mode, simple turn off the power to the scale to save the previous settings.

1. To change the Ariva menu items hold the >T< button for 7 seconds.

- a. "CONF" is displayed.
 - b. Once inside the menu, >T< advances, >0< accepts.
2. Change menu item 3.1 = 1 (Virtual COM ports)
 - a. See below.

Change menu item 3.1 = 1 (Virtual COM ports)

- From "CONF":
- Press >0< to accept CONF.
- GRP 1 is displayed.
- Press >T< twice to GRP 3
- Press >0< to accept GRP 3
- 31 *N* is displayed (where *N* is probably 0).
- Press >T< to advance to 31 1
- Press >0< to accept.
- Continue pressing >0< until reaching GRP 4
- Press >T< until EXIT is reached.
- Press >0< to accept EXIT
- Press >0< to save/ reboot into Virtual COM port mode.

NOTE: if you ever get confused in menu mode, simple turn off the power to the scale to save the previous settings.