Graphical Tester for Otoplastics

With USB Control

Connecting a USB Leakage Tester
Windows 11

2025

TABLE OF CONTENTS

1 CONNECTING A USB LEAKAGE TESTER

1.1 Before you connect a USB *leakage tester*

Connect to the Internet if the computer is not already connected. Always check if your Windows 11 OS is up to date. You might manually check for Windows 11 updates e.g.:

- select the **Start** ⊞ button >**Settings** ⚙ >**Windows Update** ↻ >[Check for updates]

This *troubleshoot* guide is intended for Windows 11 [as of version 24H2], 64-bit.

1.2 Connecting the *leakage tester* to the PC with a USB cable

The provided USB cable has two plugs: at the computer side a USB type A and on the tester side a USB-C. The *tester* is equipped with a USB type C receptacle (jack). On the right, you see a photo showing the USB cable with on the right the USB-C plug that should be connected to the *tester*. Attach the plug to your tester; no need to pay attention to the position. After installation (§1.4), you may connect and unplug your USB *leakage tester* at will.

1.3 Finding device properties

If you want to locate your USB *leakage tester* on your system, try this:

- select the **Start** ⊞ button > ⚙ **Settings** > ⸮ **Bluetooth & devices** > ▦ **Devices**
- scroll down and click 'More devices and printer settings'

The *leakage tester* appears at the bottom under *Unspecified* devices (x). Select *Properties* after right-clicking your device. If your device is attached with an orange attention triangle read §1.5.

1.4 Caution when permanently plugged-in

Some desk- or laptop computers do have circuitry that senses electric leakage through a USB port while powered down. When active, a connected *leakage tester* can cause an error when a user tries to power up the computer. This circuitry is not always active on every USB port, and sometimes can be disabled. If you encounter this problem try to use a different port, otherwise you have to unplug your *tester* every time after use.

1.5 Installing USB driver software

Plug the *leakage tester* into a USB port (both USB 2 and USB 3+ are supported), the LED on your device will start blinking red and Windows 11 will silently (and automatically) connect to the "Windows Update Website" and install any suitable driver it finds for your *device*.

If the LED keeps blinking it is an indication that Windows was not able to install the USB drivers automatically. There are a number of options, shown on the next page, to solve this problem.

1.5.1 Update Windows 11 with an attached USB tester

Plug the *leakage tester* into any USB port and locate the Windows Update environment:

- select the **Start** ⊞ button > ⚙ **Settings** >**Windows Update** ↻ >[**Check for updates**]

After clicking [Check for updates] Windows will start Checking for updates... and after a little while reports 'Updates Available'. Immediately after this notification the installation of two USB port drivers will start and ends up with 'You're up to date'. The attached *leakage tester* will start running and after a little while it will beep shortly and the LED will turn orange.
It is always advisable to restart the PC.

1.5.2 Install USB drivers manually

Go to the Cursor Engineering website with: https://www.cursorengineering.nl/documentatie-usb/
and locate **OtoUSBdrivers2024**. This application installs the correct or missing USB drivers on your Windows platform. Download this .ZIP file, unzip it (extract all) and then run the resulting application (CMDxxxxx_Setup.exe). Follow the instructions and conclude with [Finish].
Subsequently open the *Device Manager*:

- right-click **Start** ⊞ button > **Select *Device Manager***

The *Device Manager* displays a view with icons of the hardware that is installed on your computer.
At the bottom of the list you should see *Universal Serial Bus controllers*.
If this item is not complete or not visible at all, you have to restart Windows, because it will always reload the USB drivers during power-up.
Open (>) or double-click on *Universal Serial Bus controllers* and the device "USB Serial Converter" should now be visible in the list shown. Now right-click on *USB Serial Converter* and select in the pop-up *Update driver* and then *search automatically for drivers*. After a while Windows finishes with the message: 'Windows has successfully updated your drivers', Click [Close].
If attached, the *leakage tester* will start running. It is always advisable to restart the PC.

This completes the *USB driver* installation for your *leakage tester*.