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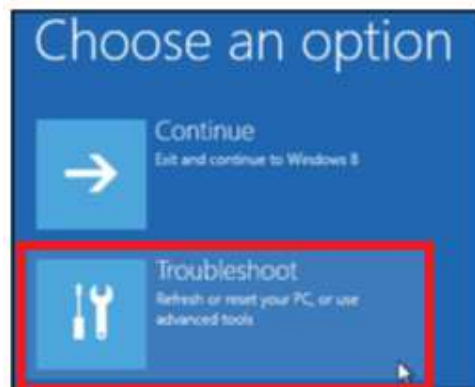| Installation of Software / Driver for PCSU1000_Windows 10 32 – 64 Bit. |
|---|

Installation Software "PcLab2000SE"

1) Download the software from this our site:
   https://www.velleman.eu/downloads/files/downloads/pclab2000se_v4_05_setup.zip

2) Unzip (extract) the downloaded setup file.

3) Install the software in normal way and follow the instructions of installation wizard.
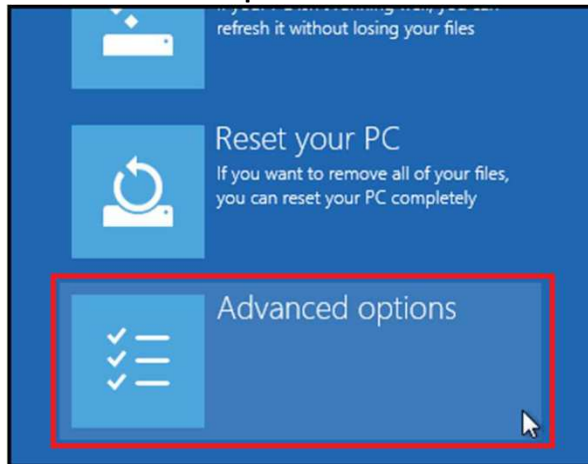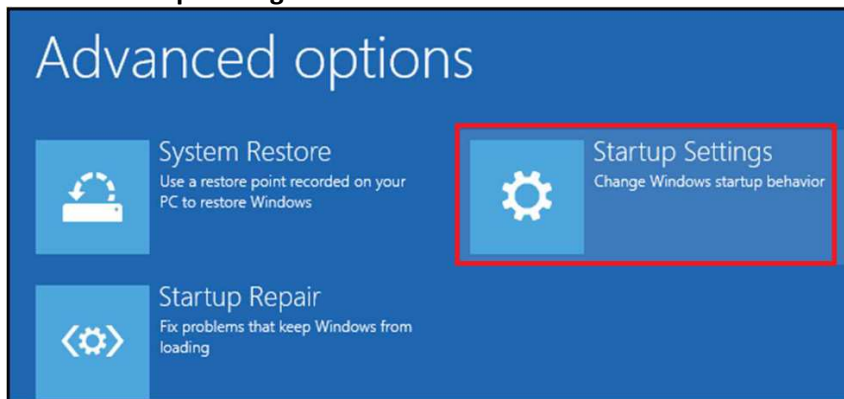
Installation driver for PCSU1000:

1) Download the driver from our site and save it to:
   "**Downloads**" folder": C:\Users\"your user name"\Downloads l
   link: https://www.velleman.eu/downloads/files/downloads/pcsu1000_driver_2_04_16.zip

2) Unzip the file to "**Downloads**" folder: C:\Users\"your user name"\Downloads

3) Connect the PCSU1000 onto a free USB port of computer.

4) Reboot the computer in "**Driver enforcement mode**" for installing unsigned drivers.

   a. **Hold shift** key pressed while you click on "**Restart**".
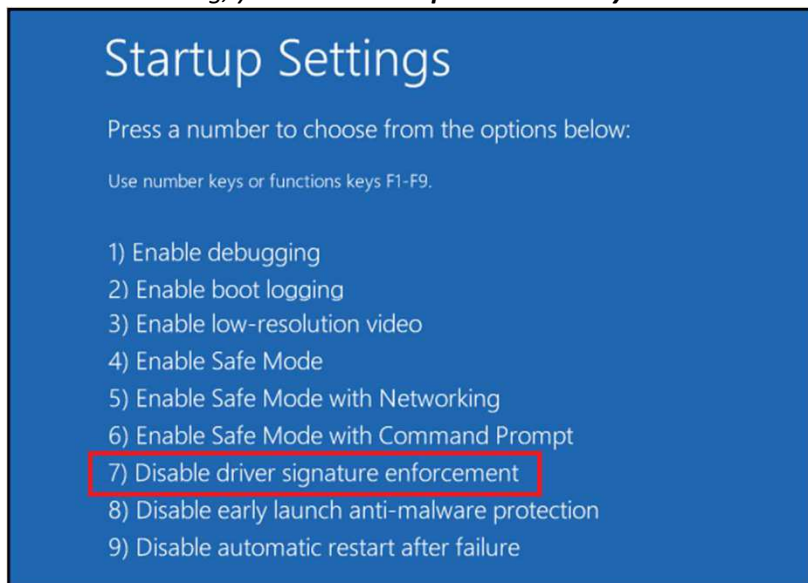

   b. Once your computer has rebooted, you'll be able to choose the **Troubleshoot** option.

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c. Choose **Advanced options.**

d. Choose **Startup Settings.**

e. *Since we are modifying boot time configuration settings, you will need to restart your Computer one last time. Finally, you will be given a list of startup settings that you can change. The one we are looking for is "**Disable driver signature enforcement**". To choose the setting, you will need **to press the F7 key.***

Your PC will then reboot and you will be able to install unsigned drivers without any error message.

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5) Open "**Control Panel**" and navigate to "**Device Manager**".

*) **Right click** on **Start** button and choose **Control Panel** ➜ **Device manager.**

*) or **Press Windows key + R** => type in: **devmgmt.mcs** and click **OK,** to open device manager.
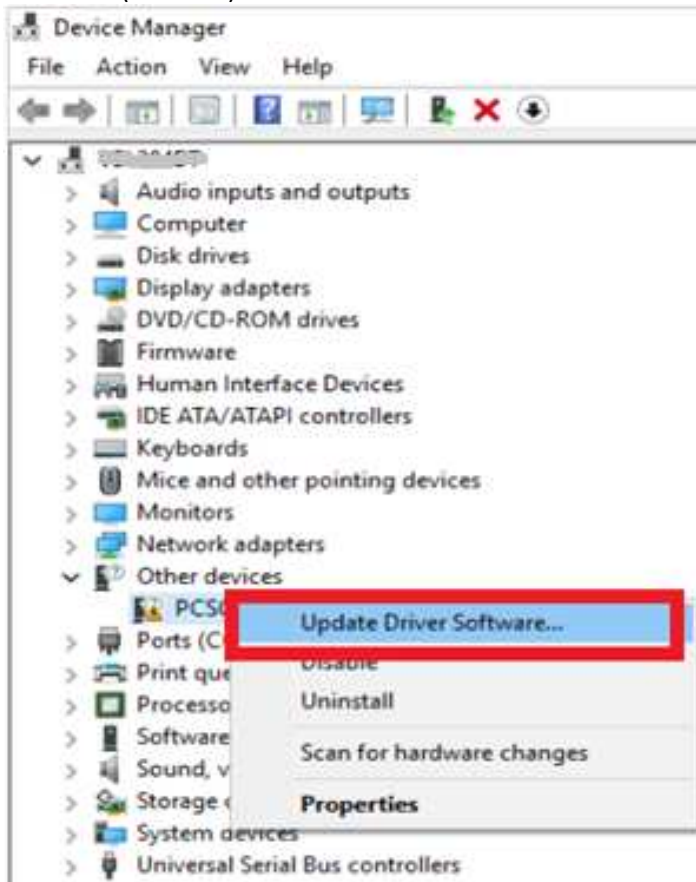
*) or **click windows key (start button)** => navigate to **Windows System** => click on **Control Panel** and click **Device Manager**.

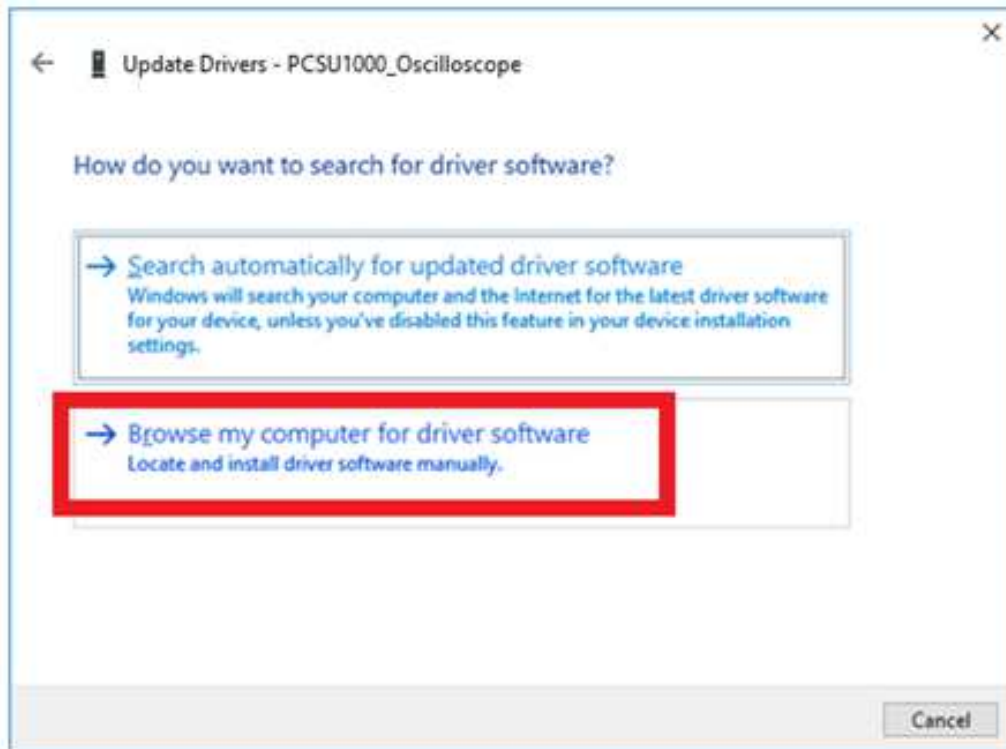In this driver list, you'll find a Yellow exclamation mark at (Other devices): **PCSU1000.**

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6) Give a **right click** onto **PCSU1000.** A follow window appears. And choose **Update Driver Software** (left click).
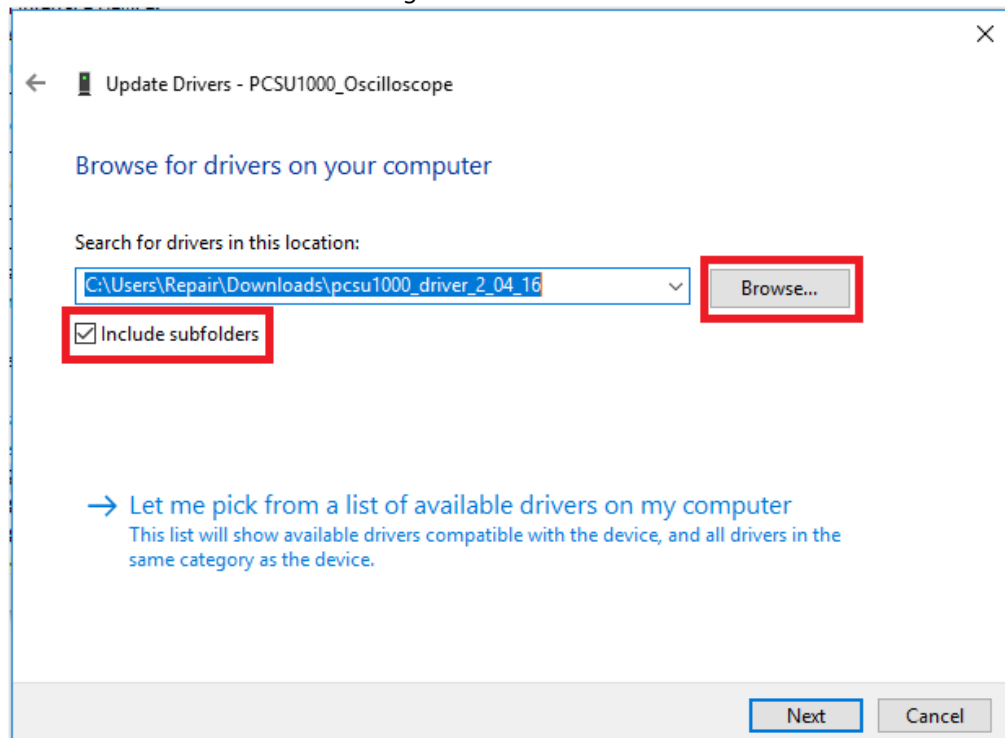
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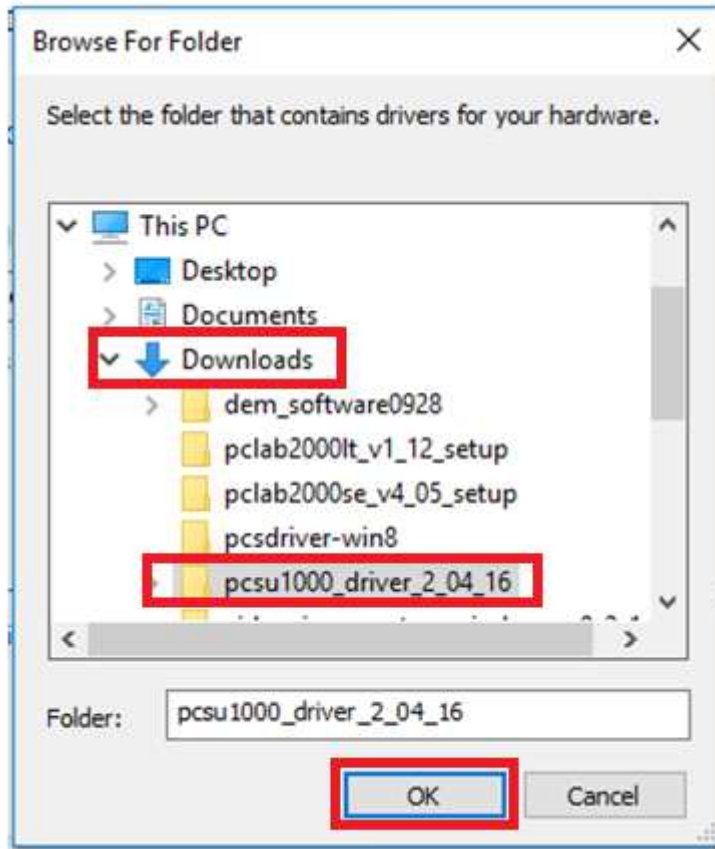7) Browse on computer where the driver is located. Choose **"Browse my computer for driver software.**

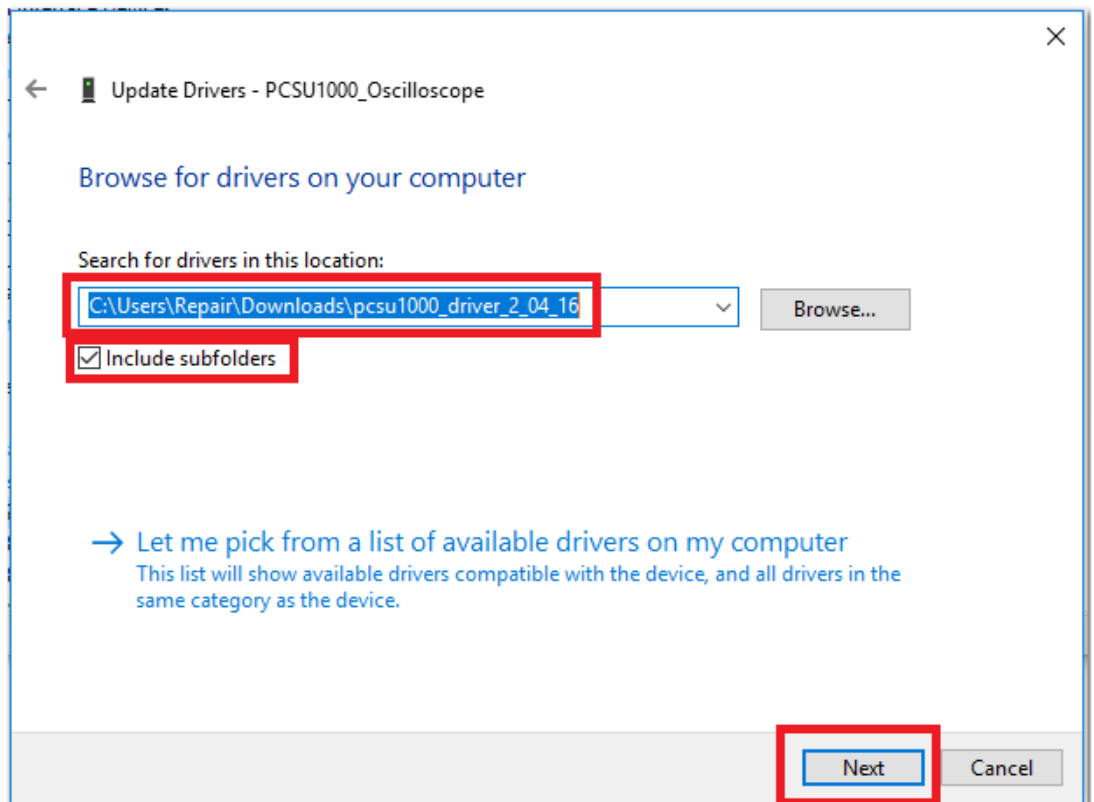a. Click on **Browse** button. *And navigate to driver location.*

b. Browse to driver location: C:\Users\"your user name"\Downloads, and click **OK**.
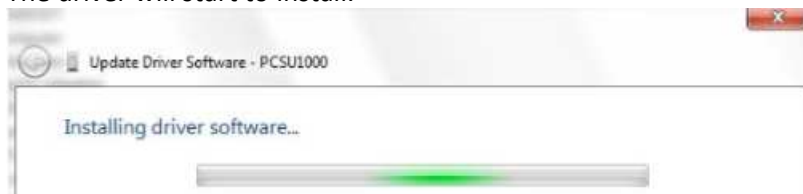

c. Click on **Next** button.
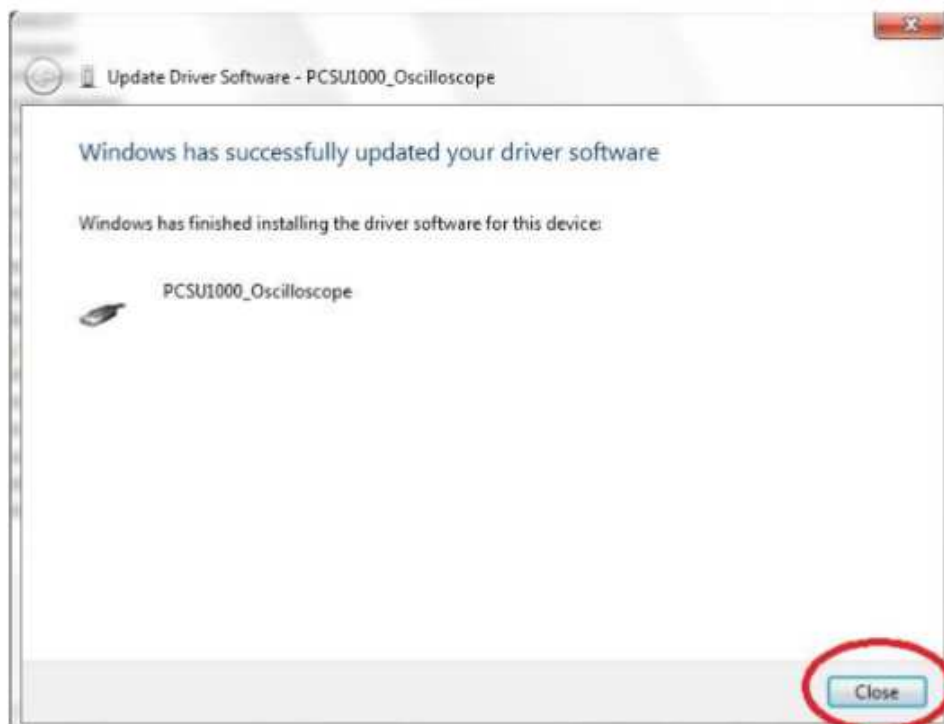
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8) A **"Windows Security"** window appears and choose: **"Install this driver software anyway.**
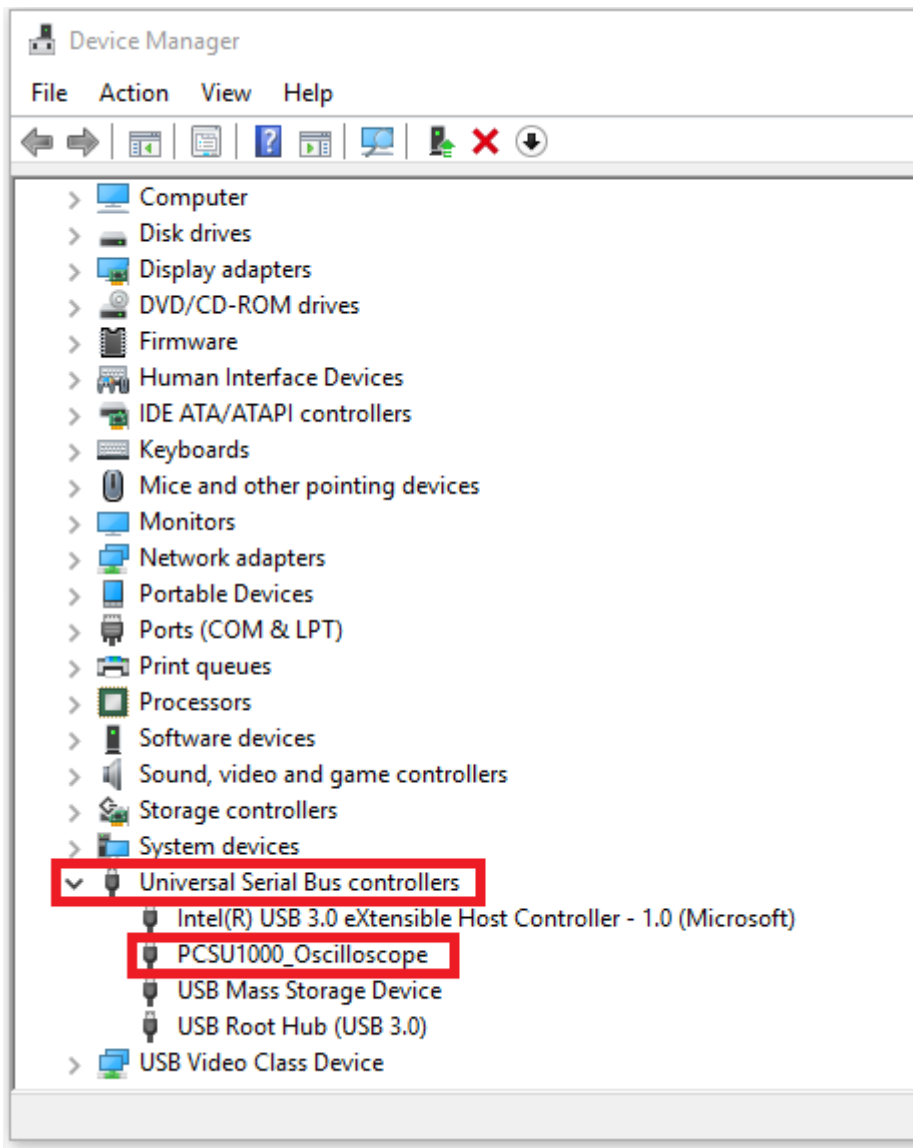

   a. The driver will start to install.

9) After installing, a message appears: **"Windows has successfully updated your driver software".** And click on **close** button.

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10) In the device manager list, you'll see that driver for PCSU1000 are successfully installed and yellow exclamation mark is disappeared. Driver installation is complete.

```
Device Manager

File   Action   View   Help

> 💻 Computer
> 🖴 Disk drives
> 🖥️ Display adapters
> 💿 DVD/CD-ROM drives
> ▌ Firmware
> 📷 Human Interface Devices
> 📑 IDE ATA/ATAPI controllers
> ⌨️ Keyboards
> 🖱️ Mice and other pointing devices
> 🖥️ Monitors
> 🖧 Network adapters
> 📱 Portable Devices
> 📠 Ports (COM & LPT)
> 🖨️ Print queues
> 🔲 Processors
> ▌ Software devices
> 🔊 Sound, video and game controllers
> 🖴 Storage controllers
> 🖳 System devices
∨ 🔌 Universal Serial Bus controllers
      🔌 Intel(R) USB 3.0 eXtensible Host Controller - 1.0 (Microsoft)
      🔌 PCSU1000_Oscilloscope
      🔌 USB Mass Storage Device
      🔌 USB Root Hub (USB 3.0)
> 🖥️ USB Video Class Device
```

11) Close Device manager.
12) Reboot the computer.
13) After Reboot, start the software: PcLab2000SE.
14) Then calibrate the scope: **File** => **Calibrate & exit**.
15) Restart the software. Now the PCSU1000 is ready to use.

Best regards,
Velleman Repair
Repair Department