

Driver Setup for 3810A and 3811A

CP210x

- **1.** Ensure the PHT Series device remains plugged in and powered on throughout the driver installation process.
- 2. Connect USB dongle to computer and locate the "AutoRun.exe" (PHT\Data Output Software\PHT-Leeb Testers All\AutoRun.exe)

« Data Output Software > PHT-Leeb Testers All	✓ C Search P	HT-Leeb Testers All 🛛 🔎
Name	Date modified	Туре
DISK1	8/2/2023 2:31 PM	File folder
USBDriver	8/2/2023 2:31 PM	File folder
🗹 💷 AutoRun	7/31/2020 11:00 AM	Application
🚮 autorun	7/31/2020 11:00 AM	Setup Information
🚮 conf	7/31/2020 11:00 AM	Configuration settings
📄 conf.ini	7/31/2020 11:00 AM	BAK File
👼 Install the USB driver using zadig	7/31/2020 11:00 AM	Microsoft Word 97
🖻 logo	7/31/2020 11:00 AM	BMP File
🖉 mdac_typ	7/31/2020 11:01 AM	Application
Readme	7/31/2020 11:00 AM	Text Document
🔯 zadig_2.1.2	7/31/2020 11:01 AM	Application
🛃 zadig_xp_2.2	7/31/2020 11:01 AM	Application

3. Select the correct CP210xVCP driver for your operating system, x64 (64-bit) or x86 (32-bit).



DataPro-Install

USB Driver for 64bit computer system. This driver is needed for instruments with USB port.

USBDriver-CP210xVCP_x64

USBDriver-CP210xVCP_x86 USB-Driver-UsingZadig USB-Driver-UsingZadig_xp Readme Exit



 Verify that the driver installed successfully by opening Device Manager and the PHT device will be listed under Ports (COM & LPT) as "Silicon Labs CP210x USB to UART Bridge (COM#)". The COM port number will vary from device to device.



CH340

- 1. Ensure the PHT Series device remains plugged in and powered on throughout the driver installation process.
- 2. After connecting the device, the drivers should install automatically provided the machine has an internet connection.
- 3. Verify that the driver installed successfully by opening Device Manager and the PHT device will be listed under Ports (COM & LPT) as "USB-SERIAL CH340 (COM#)". The COM port number will vary from device to device.



📇 Device	e Manager		×
File Act	ion View Help		
<			
~ 📲 M0	DBILETECH		
> 1	Audio inputs and outputs		
> 😼	Batteries		- 1
> 👼	Biometric devices		- 1
> 🚯	Bluetooth		- 1
> Q	Cameras		- 1
> 💻	Computer		
> 🚃	Disk drives		
> 🗔	Display adapters		
> 🞽	Firmware		
> 🛺	Human Interface Devices		
> -10	Imaging devices		
>	Keyboards		
> 🕕	Mice and other pointing devices		
> 🛄	Monitors		
> 🚍	Network adapters		
~ 💵	Other devices		
	1 AAP Server		
~ 🛱	Ports (COM & LPT)		
	💭 USB-SERIAL CH340 (COM7)		
> 🚍	Print queues		
> 🗃	Printers		
> 🗖	Processors		
> 📭	Security devices		
> 📑	Software components		
× 💼	Softwara davicas		

If your device is not listed as shown above proceed to Step 4, otherwise driver installation is complete.

- 4. Connect USB dongle to computer and locate the "SETUP.exe" (PHT\Data Output Software\PHT-6000 Series\CH340 Driver)
- 5. Click Install.

🚽 DriverSetup(X64)		×
-Device Driver Ins	tall / UnInstall	
Select INF	CH341SER.INF	~
INSTALL	WCH.CN USB-SERIAL CH340 02/11/2023, 3.8.2023.02	
UNINSTALL		
HELP		

6. After installation, check Device Manager as shown in Step 3 and verify connectivity as well as COM port assignment.



Zadig

- 1. Ensure the PHT Series device remains plugged in and powered on throughout the driver installation process.
- 2. Connect PHT USB dongle to computer and locate the "AutoRun.exe" (PHT\Data Output Software\PHT-Leeb Testers All\AutoRun.exe)

« Data Output Software > PHT-Leeb Testers All	✓ C Search P	HT-Leeb Testers All 🛛 🔎
Name	Date modified	Туре
DISK1	8/2/2023 2:31 PM	File folder
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🔯 zadig_2.1.2	7/31/2020 11:01 AM	Application
🕅 zadig_xp_2.2	7/31/2020 11:01 AM	Application

3. Select the correct version of Zadig for your operating system.



CD-ROM-Browse

DataPro-Install USBDriver-CP210xVCP_x64 USB Driver for windows operating system (Win7,Win8,Win10,...). This driver is needed for instruments with USB port. Refer to "Install the USB driver using zadig.doc" on this CD-ROM for help.

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USBDriver-CP210xVCP_x86

USB-Driver-UsingZadig

USB-Driver-UsingZadig_xp	
Readme	
Exit	



(Z)	Zadig	- 🗆 ×
Device Options Help		✓ ☐ Edit
Driver	libusb-win32 (v1.2.6.0)	More Information WinUSB (libusb) libusb-win32 libusbK
0 devices found.		WinUSB (Microsoft) Zadig 2.1.2.677

- 4. Activate Options/List All Devices.
- 5. Select the "Leeb Hardness Tester" and the "libusb-win32(v1.2.6.0)" option.

Z	Zadig	- 🗆 🗙
Device Options Help		
Leeb Hardness Tester		✓ □ Edit
Driver libusb0 (v1.2.6.0)	libusb-win32 (v1.2.6.0)	More Information WinUSB (libusb)
	Reinstall Driver	libusbK WinUSB (Microsoft)
3 devices found.		Zadig 2.1.2.677

 Click the Install Driver/Reinstall Driver button. Wait for the driver installation process to complete. Verify that the driver installed successfully by opening Device Manager and the PHT device will be listed under Ports (COM & LPT) as "USB-SERIAL CH340 (COM#)". The COM port number will vary from device to device.





Data Output Setup

DataPro for Hardness

1. Connect USB dongle to computer and locate the "AutoRun.exe" (PHT\Data Output Software\PHT-Leeb Testers All\AutoRun.exe)

« Data Output Software > PHT-Leeb Testers All	→ C Search P	PHT-Leeb Testers All 🛛 🔎
Name	Date modified	Туре
DISK1	8/2/2023 2:31 PM	File folder
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🗱 zadig_xp_2.2	7/31/2020 11:01 AM	Application

2. Click "DataPro-Install" to begin the installation of DataPro for Hardness Tester



DataPro-Install
USBDriver-CP210xVCP_x64
USBDriver-CP210xVCP_x86
USB-Driver-UsingZadig
USB-Driver-UsingZadig_xp
Readme
Exit

DataPro for Hardness Tester Install.

3. Open the DataPro software. Connect your hardness tester to the computer using the provided cable and ensure it is powered on. After connection the USB logo should appear next to the

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÷	Connect		Memory	:	~	<		>	Sci	reen Capture
									 •	<1 Page 1 of 1
					0				 	
ata Count	Avera	je Sca	le	Mat	0 erial		Di	evice	Direction	n
ata Count 0	Avera	ge Sca	le	Mat	0 erial		D	evice	Direction	n
ata Count 0 perator	Avera	je Sca	le Date	/Time	0 erial		D	evice Memo	Direction	n

"Connect" button. Click "Connect" to connect to the hardness tester.

4. After the connection is established, the drop down menu labelled "Memory:" will allow you to navigate through the internal memory of the device.



Save - Saves a copy of the selected dataset to the computer.

Database – Displays all saved datasets stored on the computer.

Report – Generates an excel spreadsheet using the selected dataset.

Filter - Filters selected dataset based on user entered tolerances.