

# **PCD-300 SERIES**

## **INSTRUCTION MANUAL**

### **(FOR USB DRIVER INSTALLATION)**

Thank you for purchasing KYOWA's product PCD-300B Series.  
Read this Instruction Manual carefully in order to make full use of the  
high performance capabilities of the product.  
Do not use the product in methods other than described in this Manual.

In addition, this Manual only describes method for installing a driver for  
the PCD-300B Series. For details of Hardware and Control Software,  
refer to the respective Instruction Manuals.

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The contents of the Instruction Manual are subjected to change without prior notice.

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# 1. INTRODUCTION

This Instruction Manual describes method of installing the USB driver to control the PCD-300A/320A(hereinafter referred to as the PCD-300A Series), PCD-300B(hereinafter referred to as the PCD-300B Series), and PCD Series (hereinafter referred to as the PCD).

The PCD-300B driver (for Windows 2000/XP/Vista) is stored in the PCD Series CD-R.

In addition, the PCD-300B driver is usable under the following operating environment.

| Corresponding Items            | PCD-300A Driver                                  | PCD-300B Driver                         |
|--------------------------------|--------------------------------------------------|-----------------------------------------|
| Corresponding OS               | Windows 98, Windows Me, Windows 2000, Windows XP | Windows 2000, Windows XP, Windows Vista |
| Corresponding Model            | PCD-300A Series                                  | PCD-300A Series, PCD-300B Series        |
| Corresponding Control Software | PCD-30A                                          | DCS-100A                                |

(\* Corresponding items for the PCD-300A driver are indicated for comparison.)

Install the PCD-300B driver in the following procedure.

- When using the PCD-300A Series or PCD-300B Series on the PC for the first time
  - Windows 2000 Installing the PCD-300B driver (Ver.01.1.0)  
→ Refer to “2-1 INSTALLING THE USB DRIVER TO Windows 2000.”
  - Windows XP Installing the PCD-300B driver (Ver.02.1.0)  
→ Refer to “2-2 INSTALLING THE USB DRIVER TO Windows XP.”
  - Windows Vista Installing the PCD-300B driver (Ver.03.1.0)  
→ Refer to “2-3 INSTALLING THE USB DRIVER TO Windows VISTA”.
- When the PCD-300A Series are already used and when the PCD-300B Series is required to use newly on the same PC
  - Windows 2000 Updating the PCD-300B driver (Ver.01.0.0.7 → Ver.01.1.0)  
→ Refer to “3-1 UPDATING THE USB DRIVER IN Windows 2000.”
  - Windows XP Updating the PCD-300B driver (Ver.01.0.0.7 → Ver.02.1.0)  
→ Refer to “3-2 UPDATING THE USB DRIVER IN Windows XP.”

## NOTE

When installing the PCD-300B driver, be sure to check the OS version installed in your PC and install the applicable driver to the target OS. Or, it may not work correctly.

## NOTE

The PCD-300B driver is required to be installed for the every USB port in use. For controlling multiple PCDs by multiple USB ports, install the PCD-300B driver for every USB port in the same manner.

## 2. INSTALLING THE USB DRIVER

### 2-1 INSTALLING THE USB DRIVER TO Windows 2000

- 1) Set the PCD series CD-R to the PC and turn ON the PC to start up the PC.

At this time, be sure to turn ON the PCD in advance.

- 2) After the PC is started up, connect the PCD to the PC.

The PC automatically recognizes the PCD and the **Found New Hardware Wizard** dialog box appears.

Then, click the **Next >** button for starting the installation.

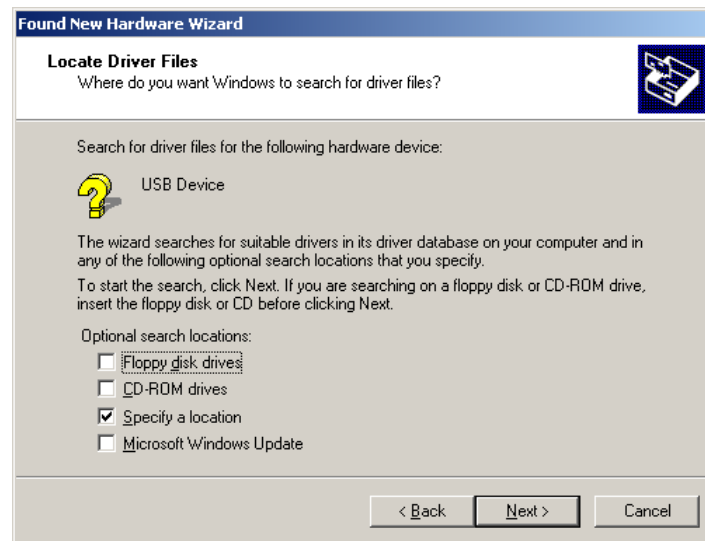


- 3) For correctly operating the PCD, installing the applicable driver is required. Therefore, it is required to select a method of installing the PCD-300B driver.

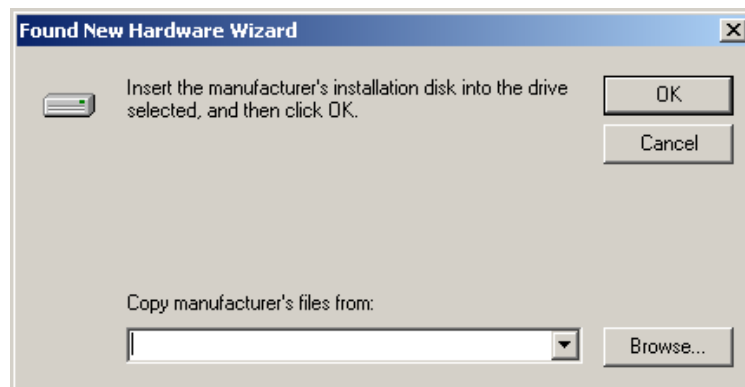
Here, select a message **Search for a suitable driver for my device (Recommended)** and click the **Next >** button.



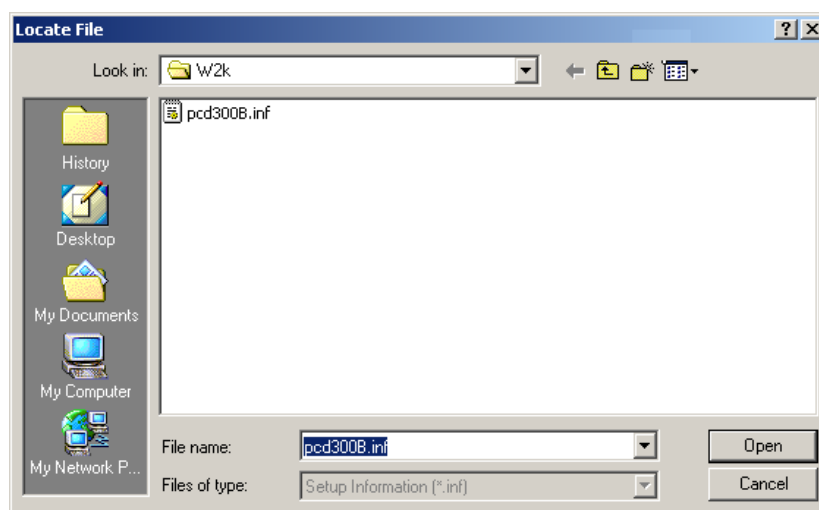
- 4) Then, it is required to specify a location where the PCD-300B driver is stored.  
For optional searching location, check the **Specify a location** and click the **Next >** button.



- 5) For selecting the location where the PCD-300B driver is stored, click the **Browse...** button.



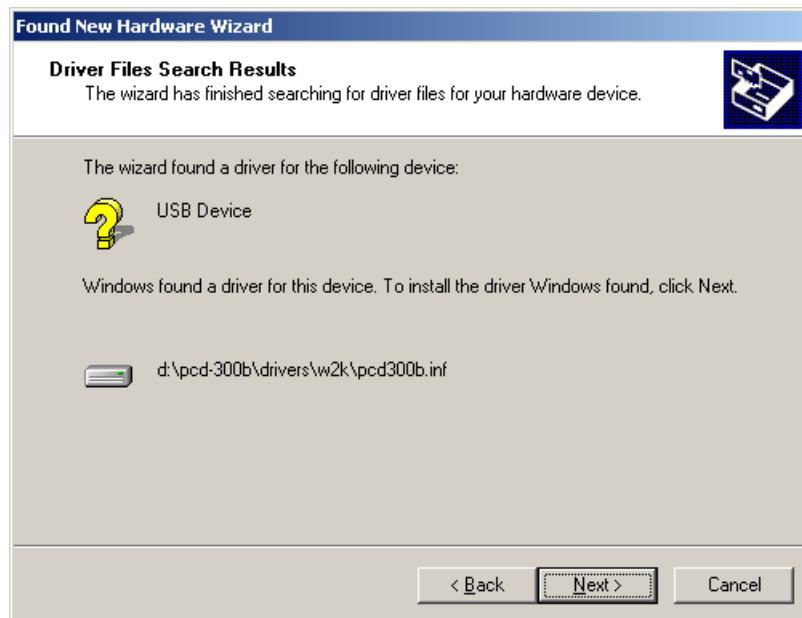
- 6) A **Locate File** dialog box appears. Open the folder where the PCD-300B driver for Windows 2000 is stored. And select the setup information file (inf File) in the folder and click the **Open** button.



- 7) The specified folder appears on the **Copy manufacturer's file from:** field and click the **OK** button.

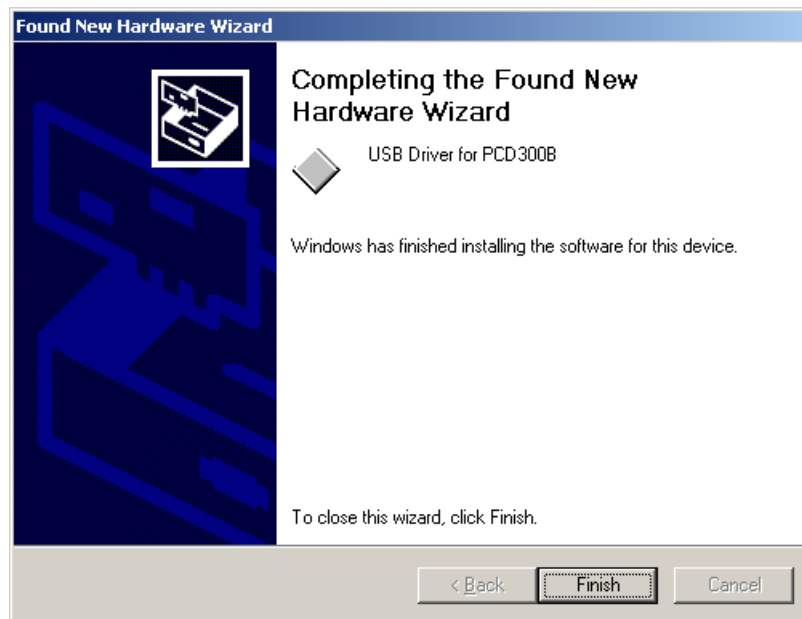


- 8) The location of the previously specified setup information file (pcd300b.inf) appears on the window. Now, it is ready for installing the PCD-300B driver. For starting the actual installation, click the **Next >** button.



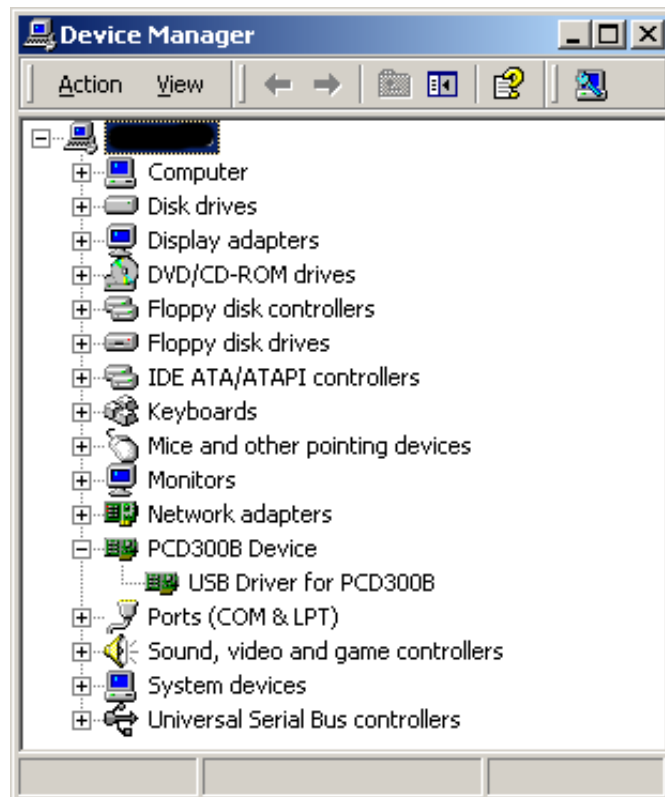
9) Starts installing the PCD-300B driver.

After it is completed, a message **Windows has finished installing the software for this device** appears. Click the **Finish** button.



10) After installation of the PCD-300B driver is completed, select from the start menu in due order from **Start → Settings → Control Panel → System → Hardware → Device Manager** for starting the Device Manager.

If the **PCD300B Device** is indicated, the installation of the PCD-300B driver is completed.



## 2-2 INSTALLING THE USB DRIVER TO Windows XP

- 1) Set the PCD series CD-R to the PC and turn ON the PC to start up the PC.

At this time, be sure to turn ON the PCD in advance.

- 2) After the PC is started, connect the PCD to the PC.

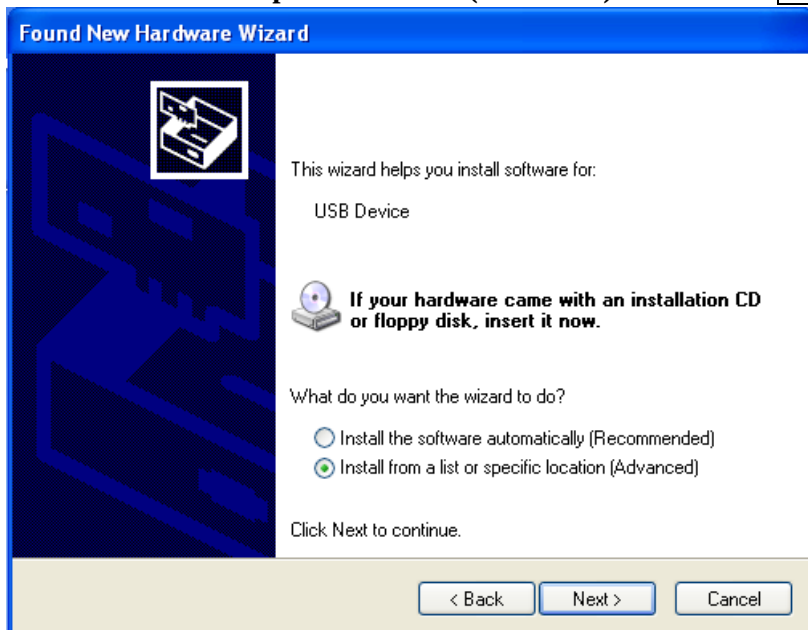
The PC automatically recognizes the PCD and the **Found New Hardware Wizard** dialog box appears. At this time, a message **Can windows connect to Windows Update to search for software?** appears.

Here, select the **No, not this time** and click the **Next >** button.

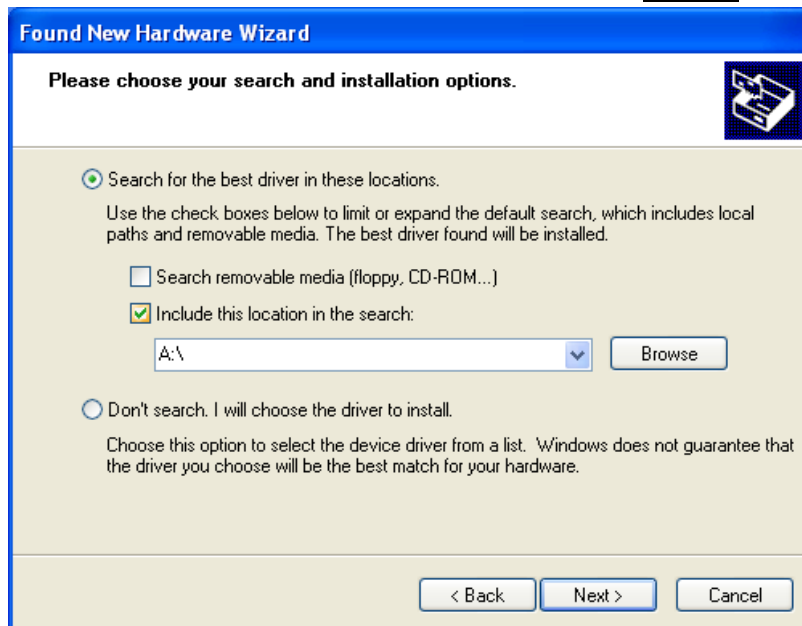


- 3) For correctly starting the PCD, installing the applicable driver is required. Therefore, it is required to select a method of installing the PCD-300B driver.

Here, select the **Install from a list or specific location (Advanced)** and click the **Next >** button.



- 4) Next, it is required to specify a location where the PCD-300B driver is stored.  
When searching the target driver, select the **Search for the best driver in these locations**.  
And, check only the **Include this location in the search** and click the **Browse** button.

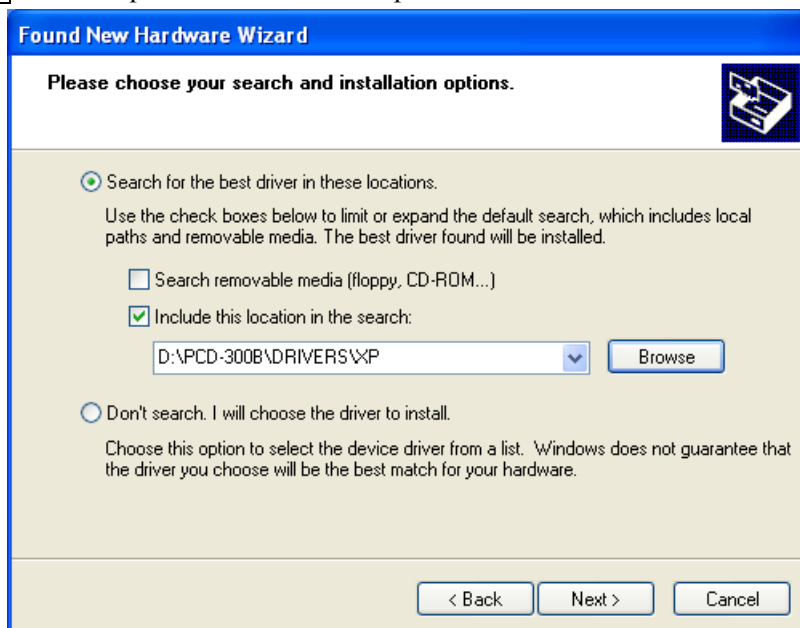


- 5) Then, the **Browse For Folder** dialog box appears. Select the folder storing the PCD-300B driver for Windows XP and click the **OK** button.



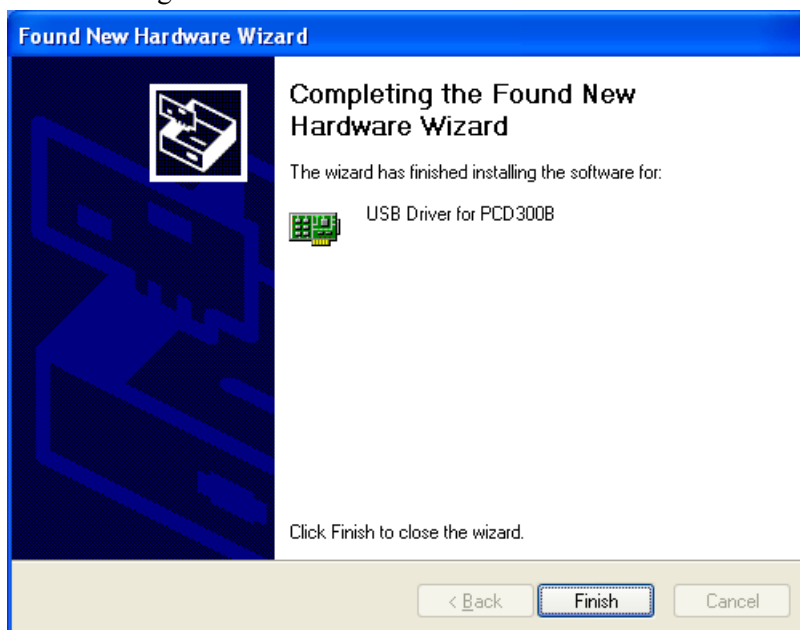
- 6) Previously specified folder appears under the **Include this location in the search:** box checked in item 4).

Press the **Next >** button to proceed to the next step.

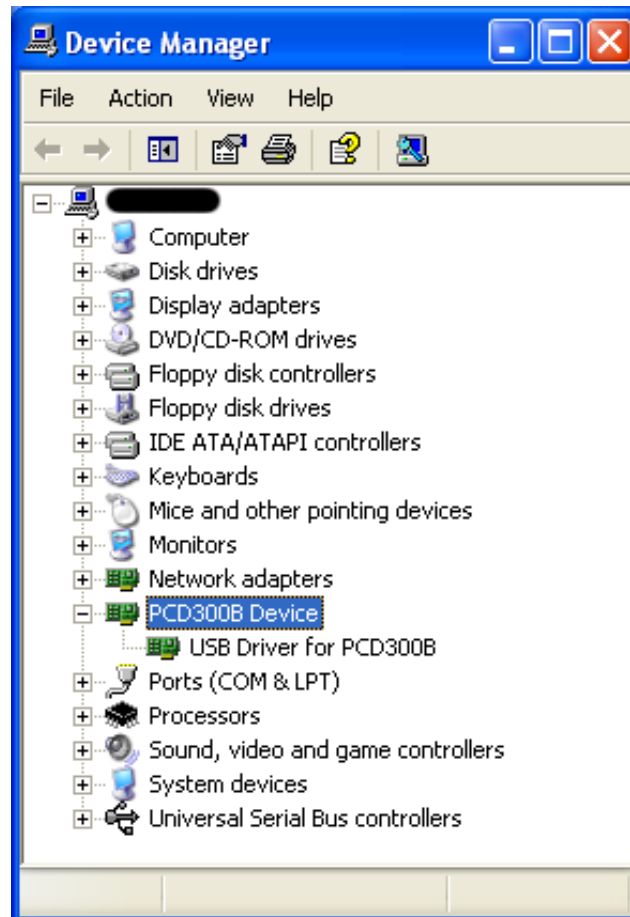


- 7) Starts installing the PCD-300B driver.

After it is completed, a message **The Wizard has finished installing the software for:** appears. Click the **Finish** button for finishing the installation.



- 8) After installation of the PCD-300B driver is completed, select from the start menu in due order from **Start → Control Panel → Hardware → Device Manager** for starting the Device Manager. If the **PCD300B Device** is indicated, the installation of the PCD-300B driver is completed.



## 2-3 INSTALLING THE USB DRIVER TO Windows VISTA

- 1) Set the PCD series CD-R to the PC and turn ON the PC to start up the PC.

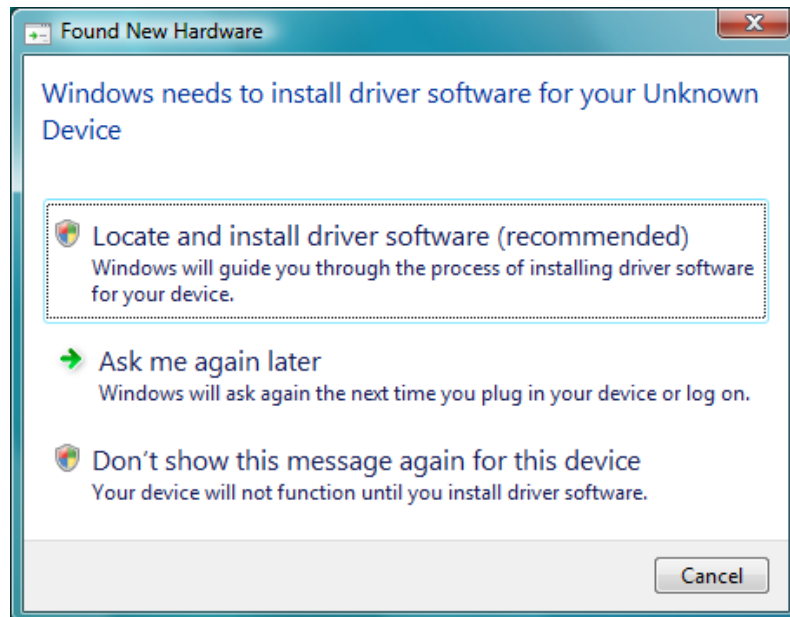
At this time, be sure to turn ON the PCD in advance.

- 2) After the PC is started, connect the PCD to the PC.

The PC automatically recognizes the PCD and the **Found New Hardware** dialog box appears.

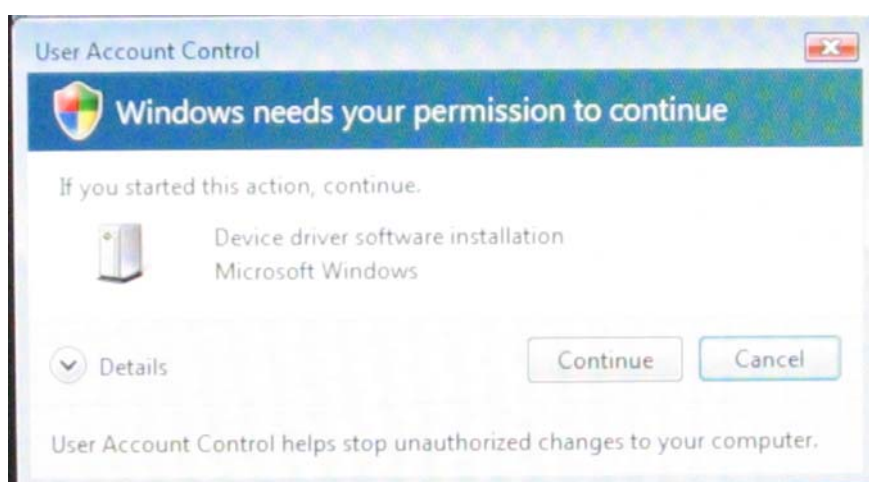
At this time, a message **Windows needs to install driver software for your Unknown Device** appears.

Here, select the **Locate and install driver software (recommended)**.



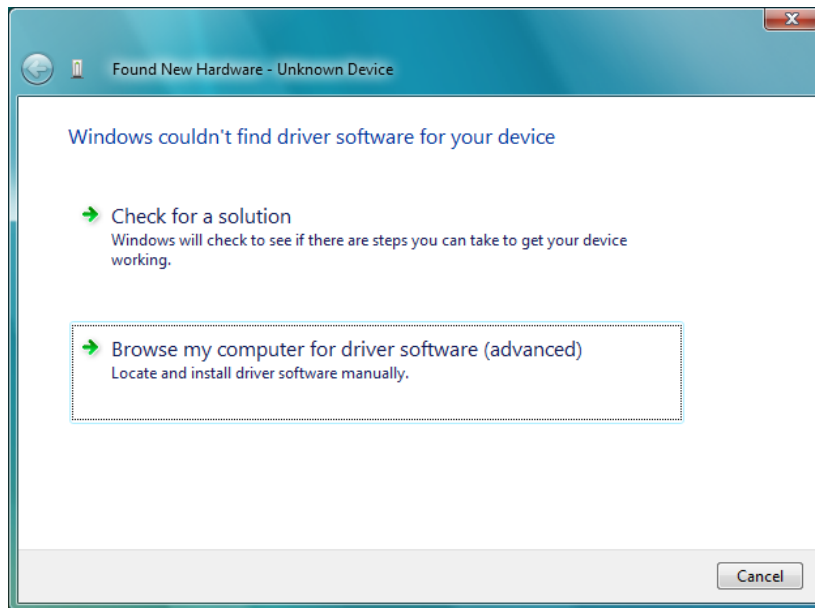
- 3) Then, the **User Account Control** dialog box appears.

Here, a message asking you a permission to continue the PCD-300B driver installation from now appears.

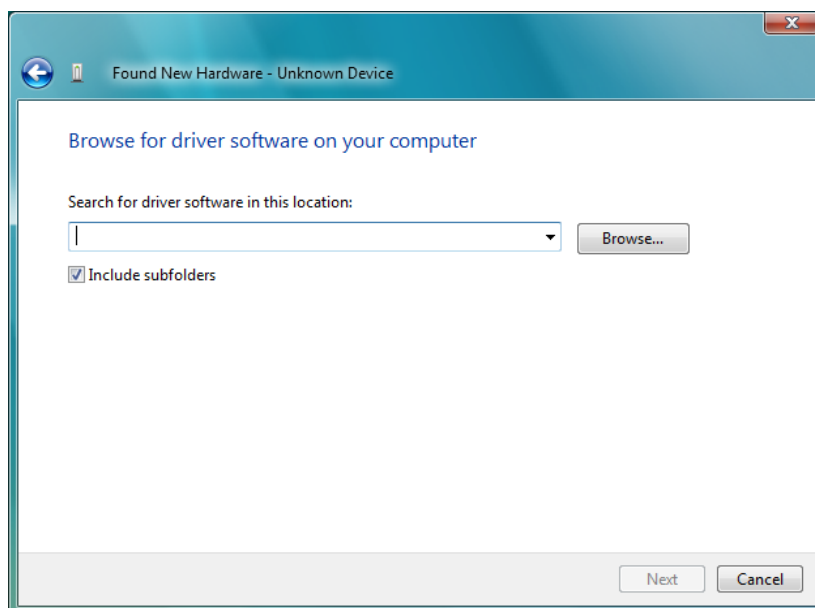


For continuing the PCD-300B driver installation, click the **Continue** button.

- 4) After a while, the **Found New Hardware – Unknown device** dialog box appears. A message **Windows couldn't find driver software for your device** appears on the dialog box. Here, select the **Browse my computer for driver software (advanced)**.

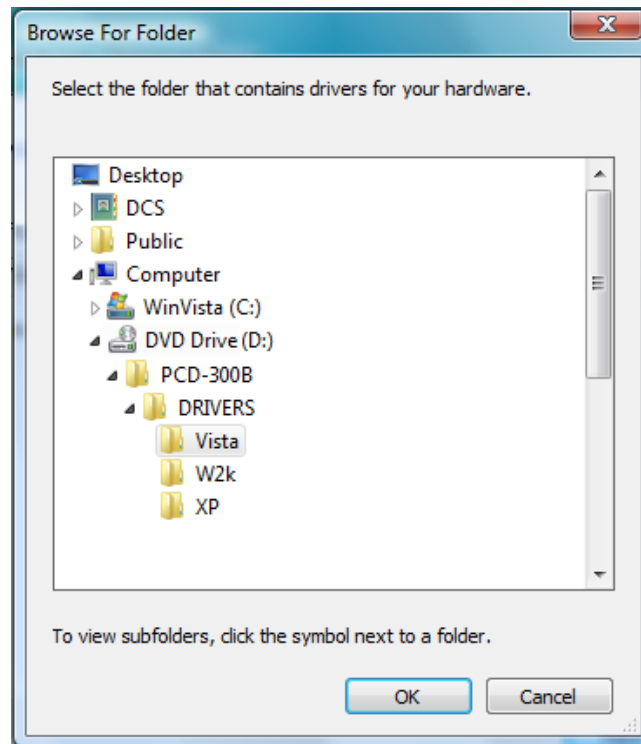


- 5) It is required to specify a location where PCD-300B driver is stored. A **Search for driver software in this location:** field appears on the dialog box. Here, click the **Browse...** button for specifying a location storing the PCD-300B driver.

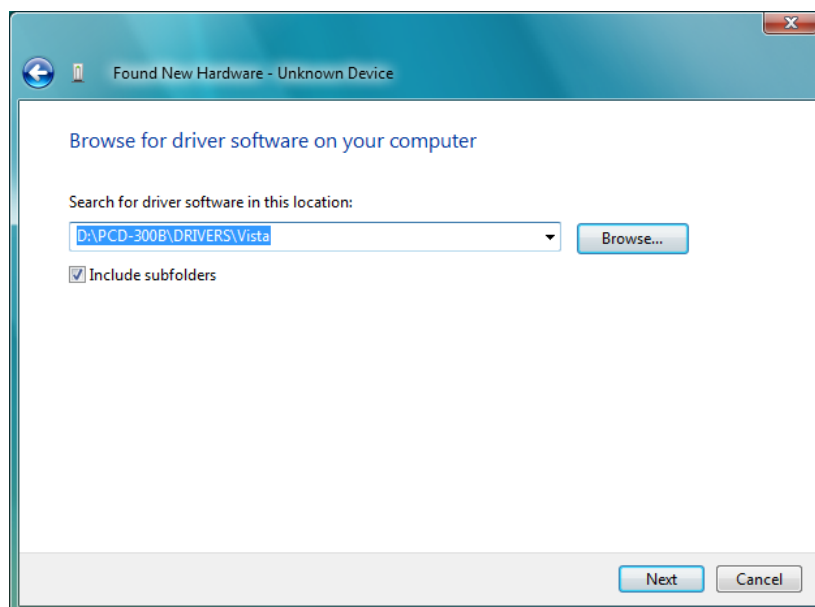


6) Next, specify a location where PCD-300B driver is stored.

The **Browse For Folder** dialog box appears. Select the folder storing the PCD-300B driver for Windows Vista and click the **OK** button.



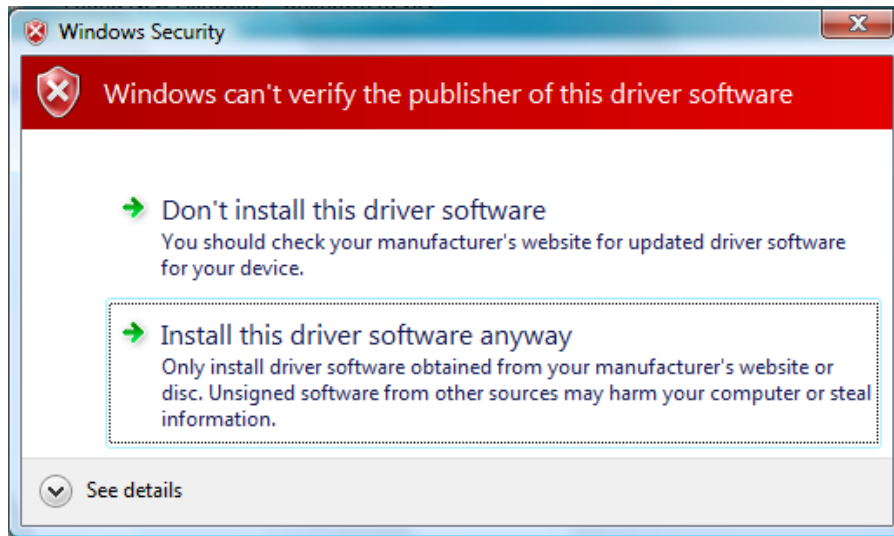
7) The specified folder appears under the comment **Search for driver software in this location:**. Press the **Next >** button and proceed to the next step.



8) Although, it is ready for installing the PCD-300B driver, the warning dialog box Windows Security appears.

A message **Windows can't verify the publisher of this driver software** appears on the dialog box.

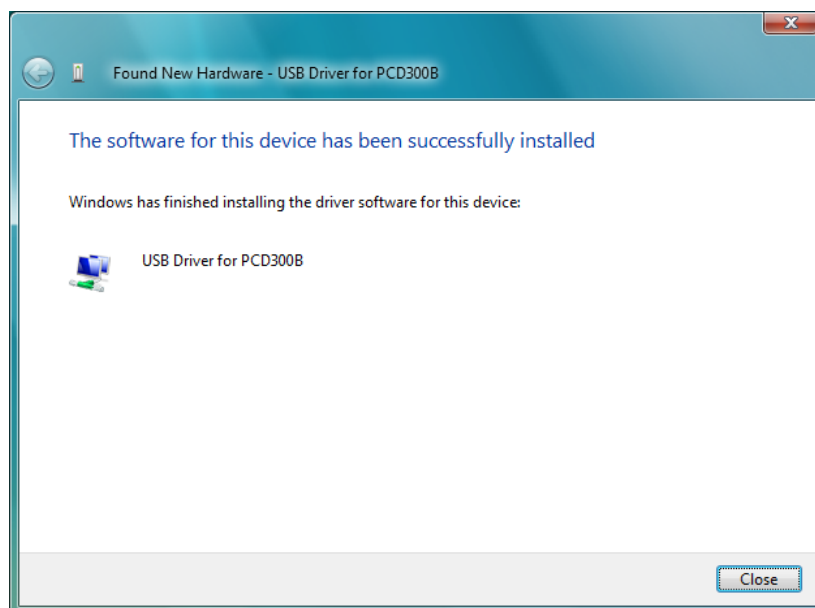
Here, select the **Install this driver software anyway** to continue the PCD-300B driver installation.



9) Then, installation of the PCD-300B driver starts.

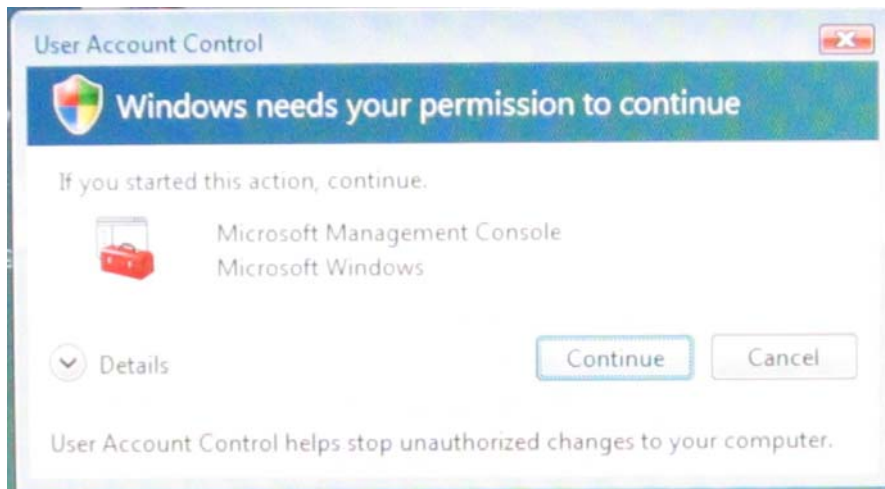
After it is completed, a message **The software for this device has been successfully installed** appears.

Click the **Close** button.



- 10) After installation of the PCD-300B driver is completed, select from the start menu in due order from **Start → Control Panel → Hardware and Sound → Device Manager** for starting the Device Manager.

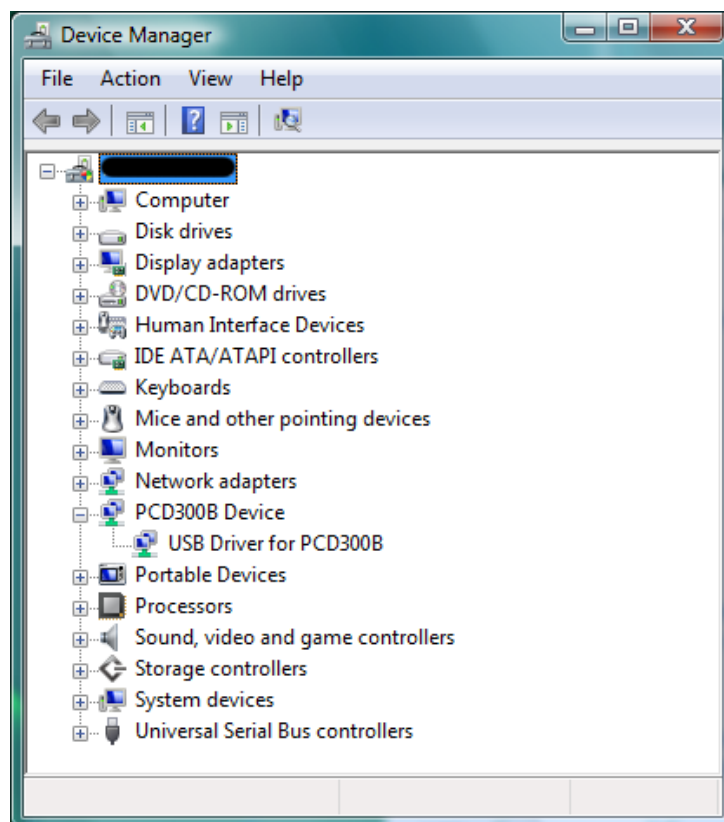
At this time, the **User Account Control** dialog box appears.



Here, a message asking you a permission to start the Device Manager of Windows Administrator Tool appears.

For starting the Device Manager, click the **Continue** button.

- 11) The Device Manager window appears and if the **PCD300B Device** is indicated, the installation of the PCD-300B driver is completed.

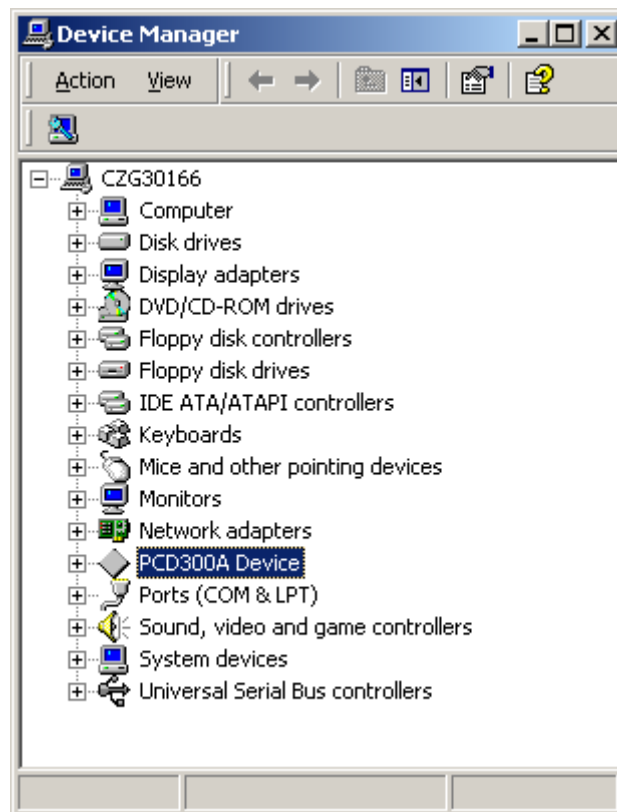


### 3. METHOD OF UPDATING THE USB DRIVER

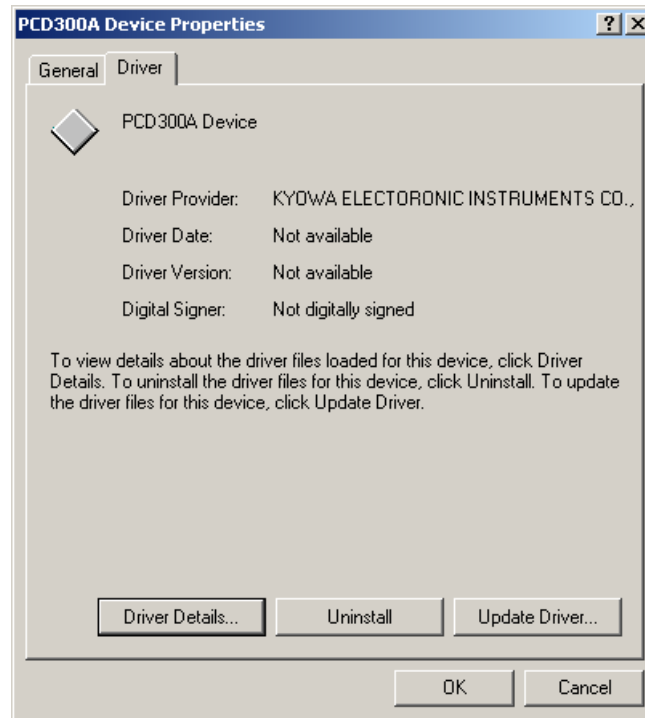
When updating from the PCD-300A driver to PCD-300B driver, update the PCD-300B driver in the following procedures.

#### 3-1 UPDATING THE USB DRIVER IN Windows 2000

- 1) Set the PCD-300 Series CD-R storing the PCD-300B driver to the PC and start up the PC.  
At this time, be sure to turn ON the PCD in advance.
- 2) Connect the PCD to the PC.
- 3) Select from the start menu in due order from **Start** → **Settings** → **Control Panel** → **System** → **Hardware** → **Device Manager**. The **PCD300A Device** is indicated in the Device Manager window.



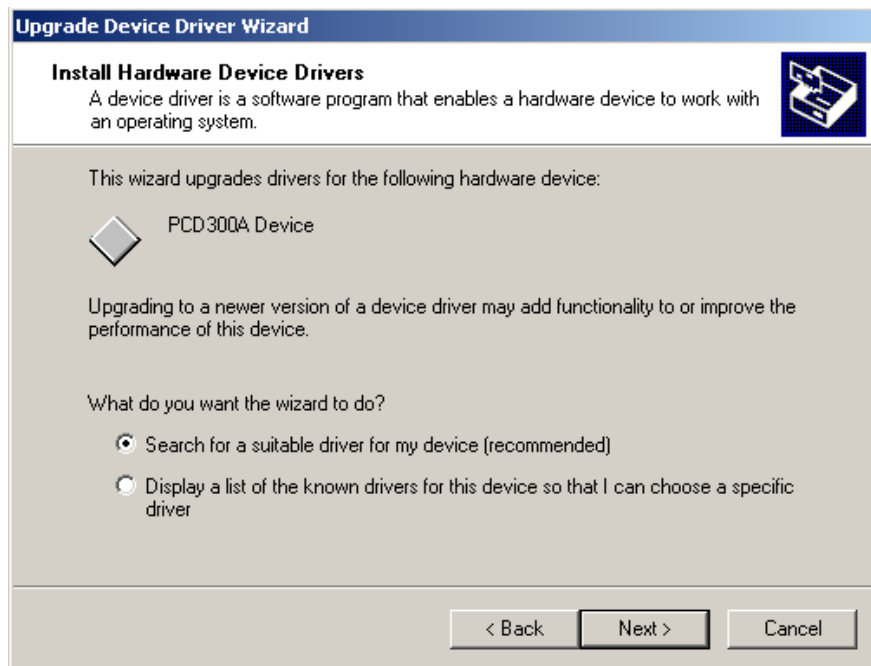
- 4) Indicate the **PCD300A Device Properties** and click the **Update Driver...** button.



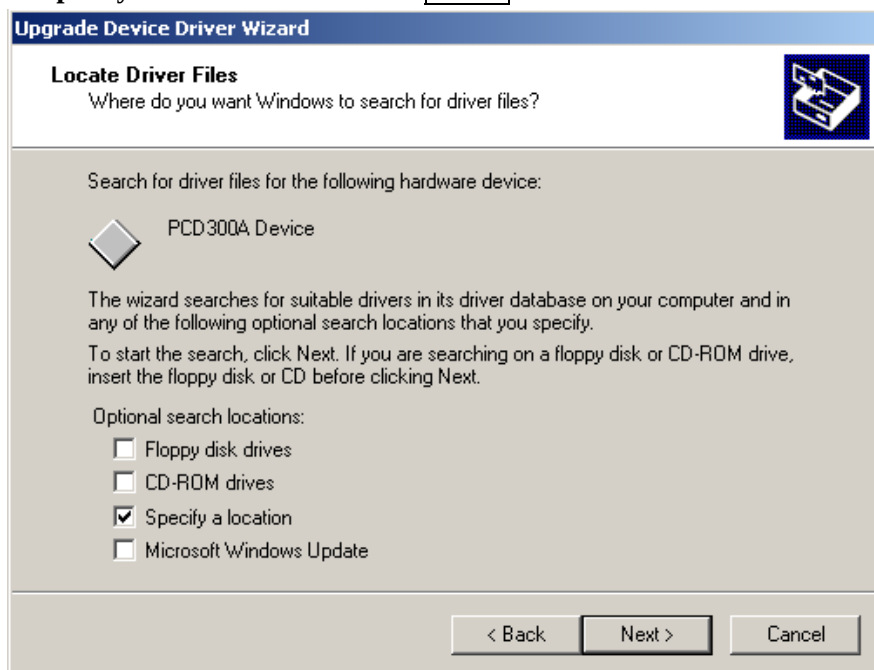
- 5) The **Update Device Driver Wizard** dialog box appears. Click the **Next >** button.



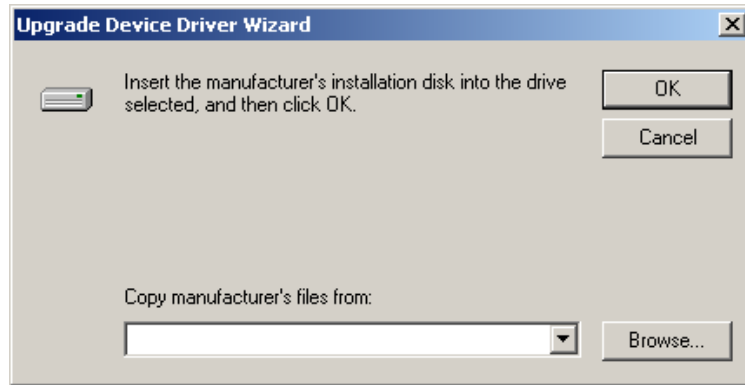
- 6) It is required to install the PCD-300B driver. Select the **Search for a suitable driver for my device (recommended)** and click the **Next >** button.



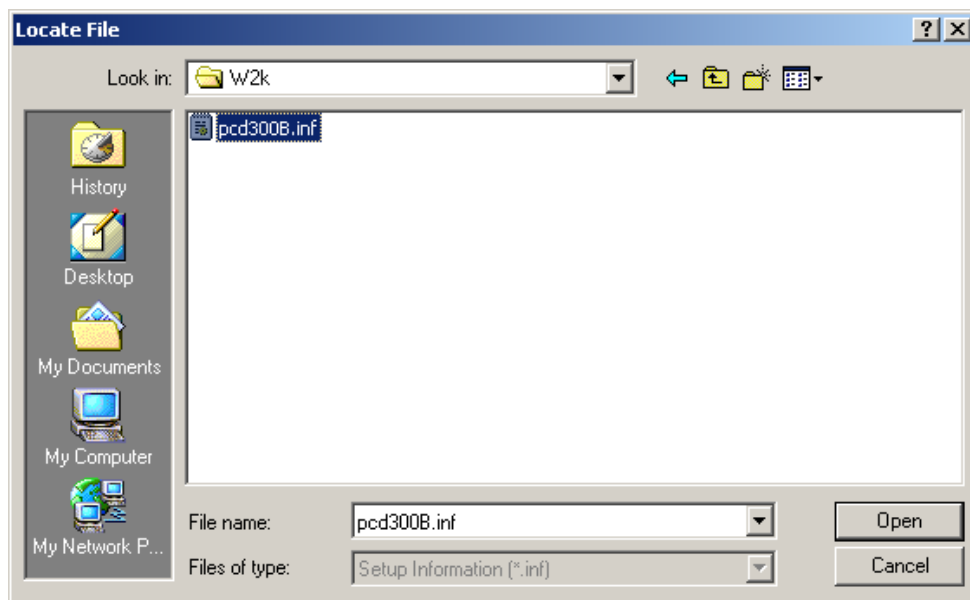
- 7) PCD-300A driver currently installed on the PC is indicated.  
For updating the currently installed driver to a new version, it is required to specify a driver or folder storing the PCD-300B.  
Here, check the **Specify a location** and click the **Next >** button.



- 8) For selecting a location where PCD-300B driver is stored, select the **Browse...** button.

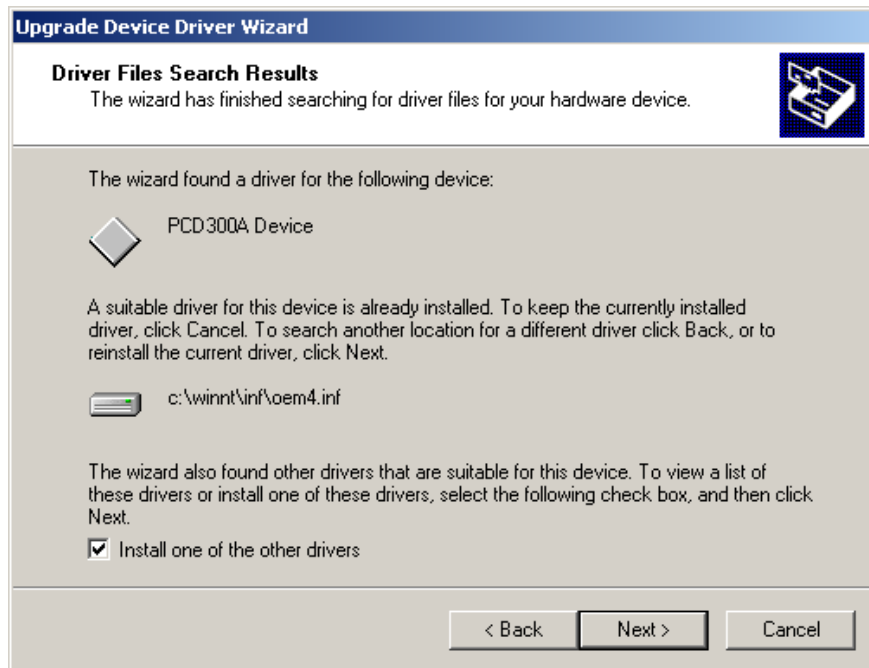


- 9) Then, a dialog box to specify the location of the file appears. Open the folder storing the PCD-300B driver for Windows 2000, select the setup information file (inf File) in the folder and click the **Open** button.



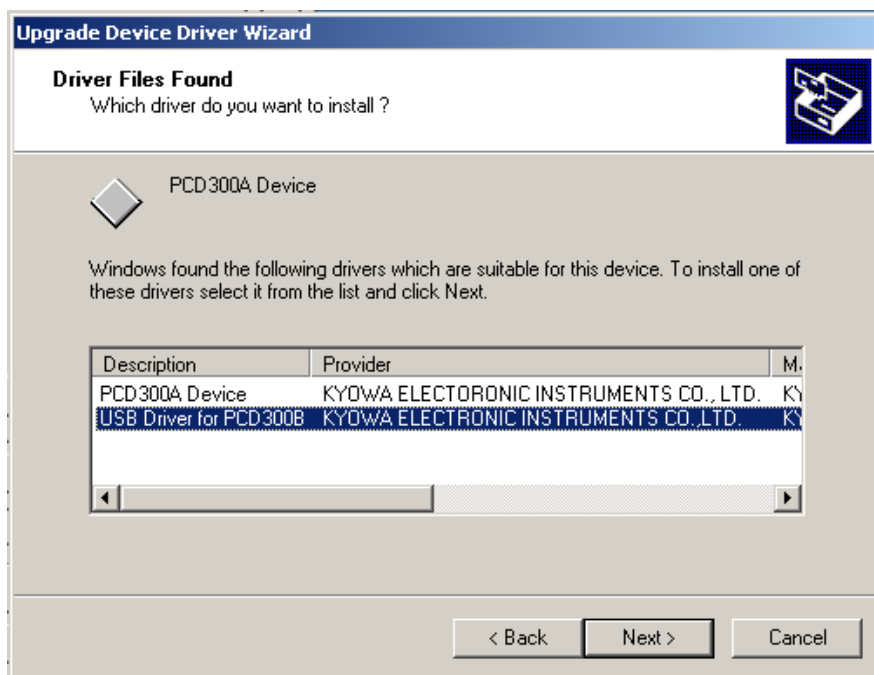
- 10) On the next window, the PCD-300A driver currently installed on the PC is indicated, but the driver selected in item 9) is not yet selected.

Here, check the **Install one of the other drivers** and click the **Next >** button.



- 11) **USB Driver for PCD-300B** is indicated on the Driver List.

Select the **USB Driver for PCD300B** and click the **Next >** button.



12) Automatically starts updating the target driver.

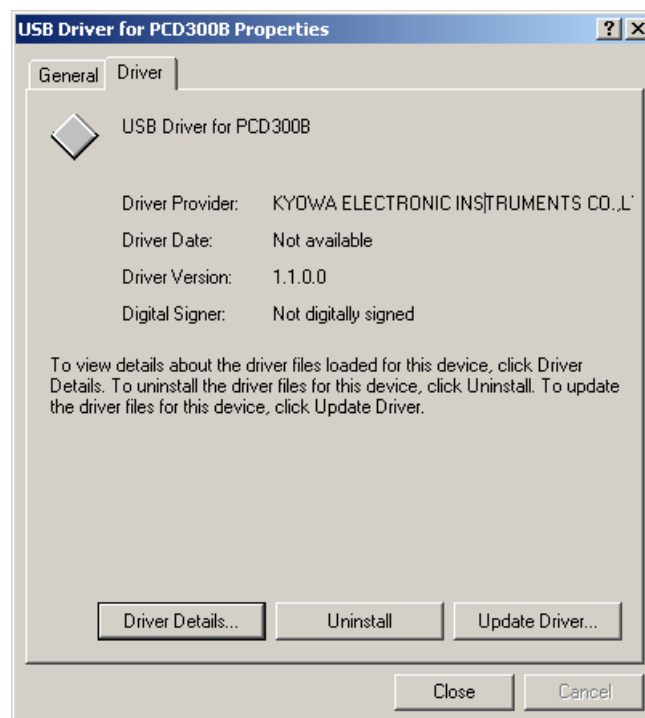
After installation of the PCD-300B driver is completed, the message **Windows has finished installing the software for this device** appears. Then, click the **Finish** button.



13) The previous target property is updated and displayed on the **USB Driver for PCD300B** dialog box.

Click the **Close** button to close the Properties dialog box.

Now, updating to the PCD-300B driver in Windows 2000 is completed.

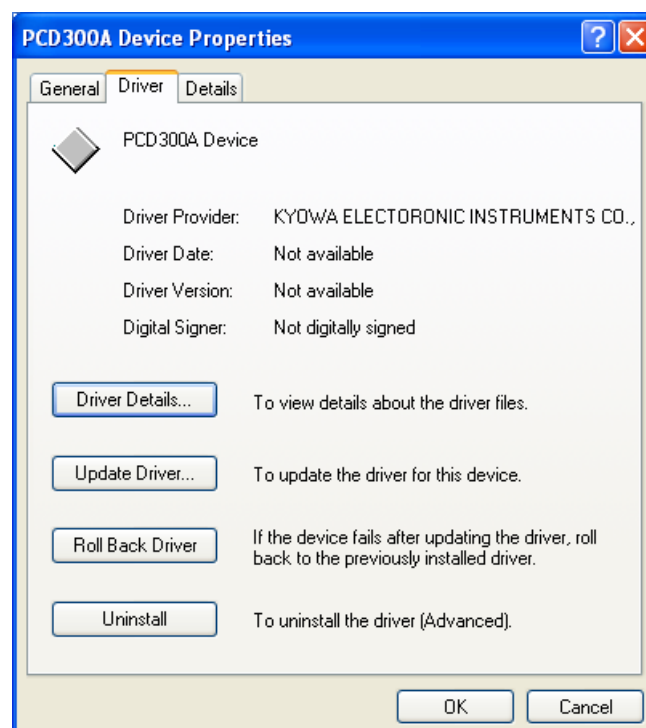


### 3-2 UPDATING THE USB DRIVER IN Windows XP

- 1) Set the PCD-300 Series CD-R storing the PCD-300B driver to the PC and start the PC.  
At this time, be sure to turn ON the PCD in advance.
- 2) Connect the PCD to the PC.
- 3) Select from the start menu in due order from **Start** → **Control Panel** → **System** → **Hardware** → **Device Manager**. The **PCD300A Device** is indicated in the Device Manager window.



- 4) Indicate the **PCD-300A Device Properties** on the window and click the **Update Driver...** button.



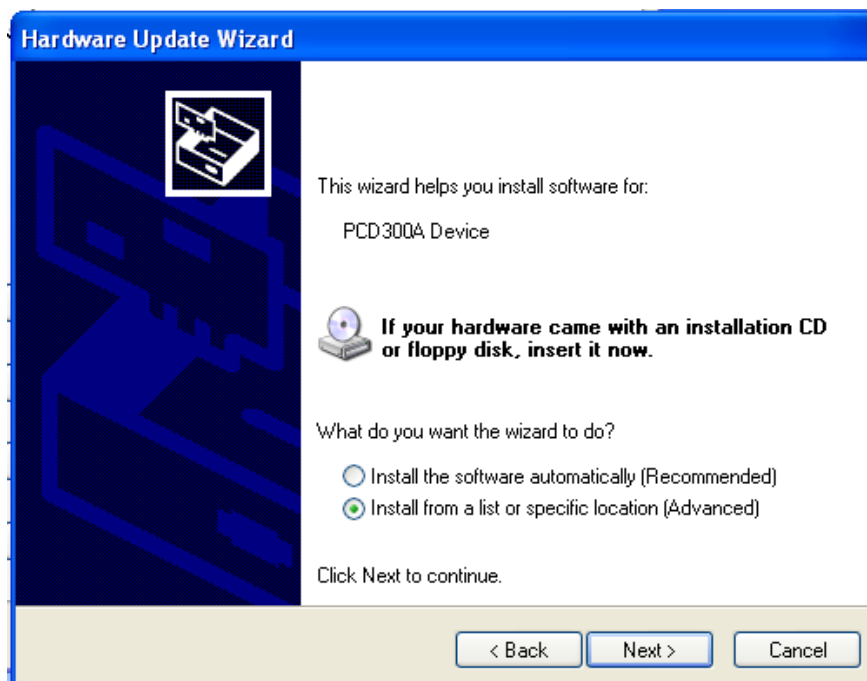
- 5) The **Hardware Update Wizard** dialog box appears. A message **Can windows connect to Windows Update to search for software?** appears on the dialog box.

Here, select the **No, not this time** and click the **Next >** button.



- 6) Here, it is required to select the installation method of the target driver.

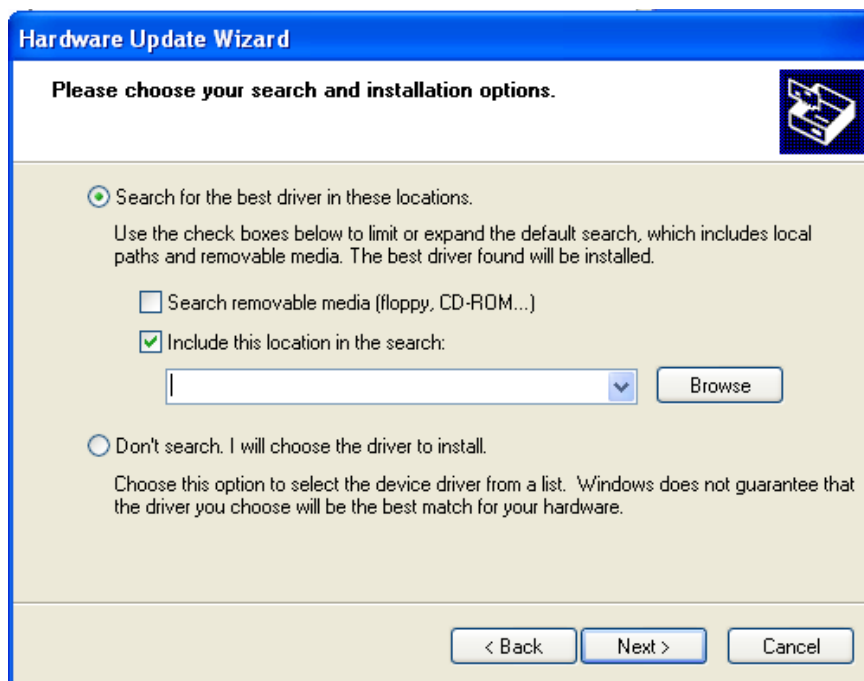
Select the **Install from a list or specific location (Advanced)** and click the **Next >** button.



7) Next, it is required to specify the location storing the PCD-300B driver.

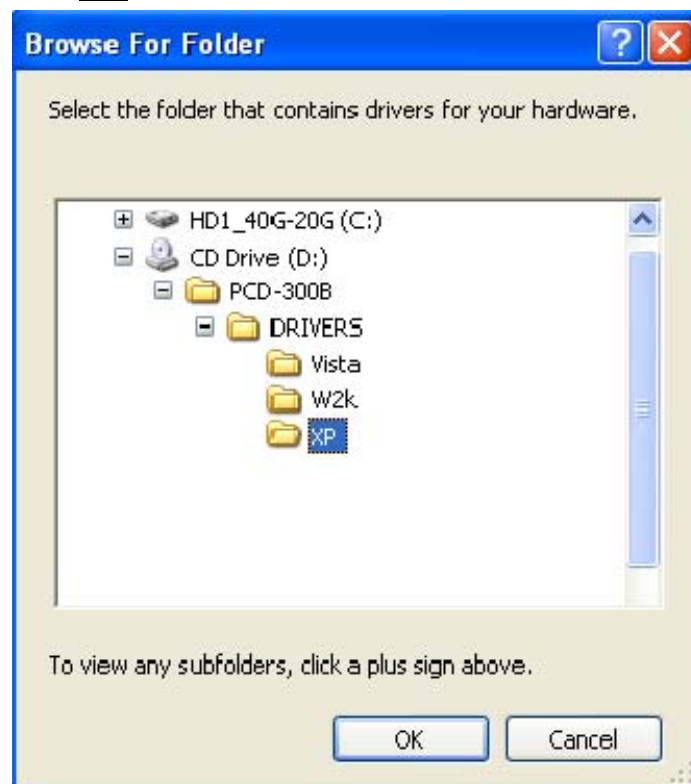
Select the **Search for the best driver in these locations**.

Here, check the **Include this location in the search** and click the **Browse** button.



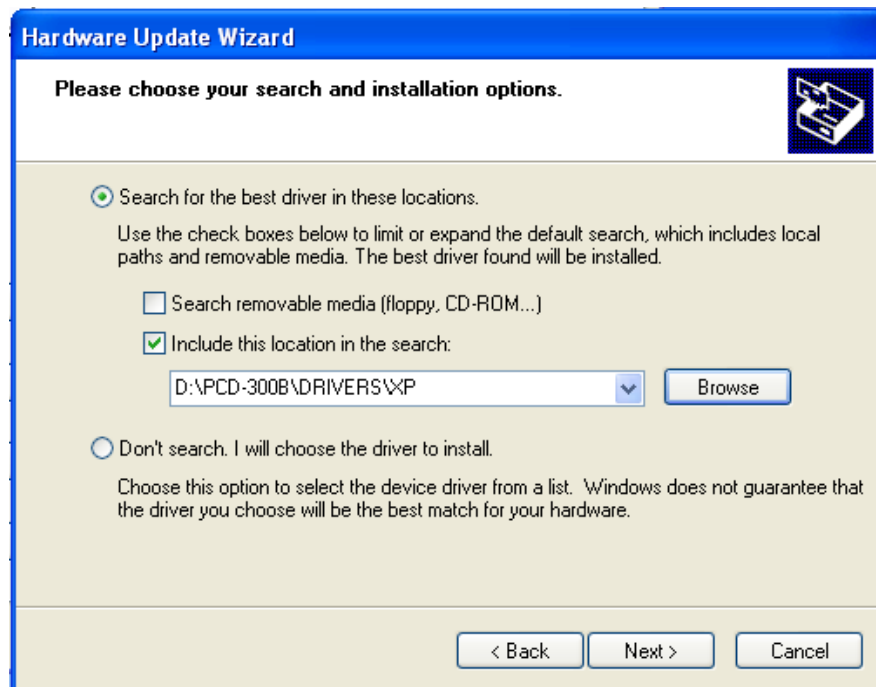
8) Then, it is required to specify the folder storing the PCD-300B.

Here, a **Browse For Folder** dialog box appears. Select the folder storing the PCD-300B driver for Windows XP and click the **OK** button.



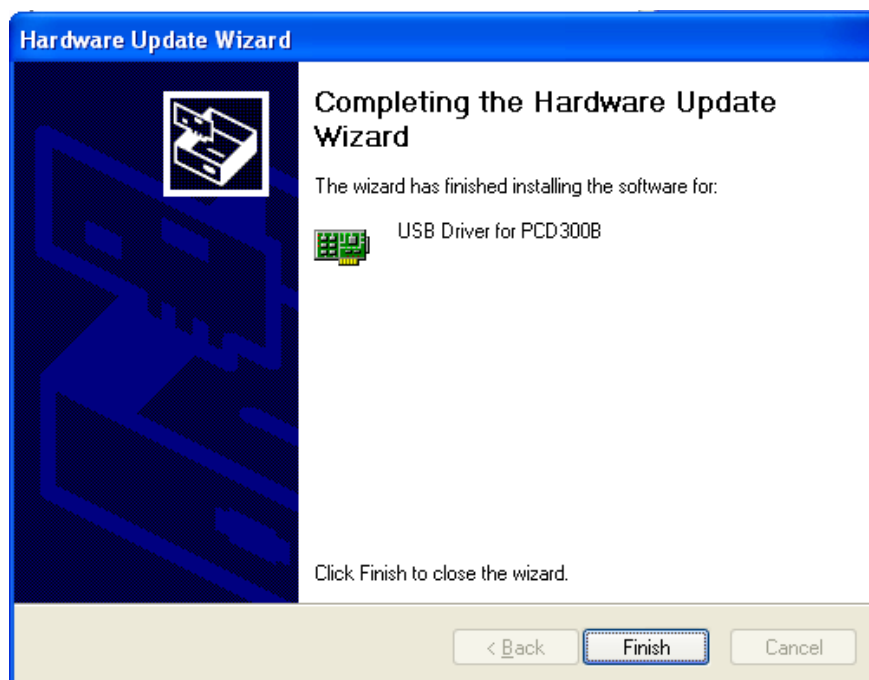
- 9) The previously specified folder appears on the **Include this location in the search:** box checked in item 5).

Here, click the **Next >** button and proceed to the next step.



- 10) Starts updating the PCD-300B driver. After installation of the PCD-300B driver is completed, a message **The wizard has finished installing the software for:** appears.

Here, click the **Finish** button to close the **Hardware Update Wizard** window.



- 11) The previous target property is updated and displayed on the **USB Driver for PCD300B**.  
Click the **Close** button to close the Properties.  
Now, updating to the PCD-300B driver in Windows XP is completed.

