

# **PV7900 Control Software**

## **Installation Instruction**

## Notices

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A CAUTION sign denotes a hazard. It calls attention to an operating procedure or practice that, if not correctly performed or adhered to, could result in damage to the product or loss of important data. Do not proceed beyond a CAUTION sign until the indicated conditions are fully understood and met.

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### NOTE

A NOTE sign denotes important hint. It calls attention to tips or supplementary information that is essential for users to refer to.

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# Chapter1 Introduction

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## 1.1 About this manual

This manual, as an installation and operation guide for the user, includes the following contents:

- Introduction
- Installing Software
- Removing Software

## 1.2 Document Information

The supporting documentations of PV7900 are as follows which can be accessed via the CD supplied with the instrument or ITECH official website.

Manual Title	Description
PV7900 Installation Instruction	Explain how to install, inspect the software, and how to connect accessories.
PV7900 User Manual	Introduce the functions and operating methods of PV7900.

## 1.3 Brief Introduction

PV7900 software is a kind of easy-to-use and practicable control software designed by Itech Electronic Co., Ltd. It can work with IT7900 regenerative gird simulator.

Using PV7900 software you can make it simple to connect IT7900 regenerative gird simulator with no programming, rapidly configure the most commonly used controls and measurements and record and view multiple measurements simultaneously. In addition, you can analyze results with built-in data export function in computer.

## 1.4 Software Matching Relationship and Mode of Access

Software matching relationship required by PV7900 is as follows:

Item	Version	Obtained Method
Operating System	WIN7 32/64, WIN8 32/64, WIN10 32/64	Download from the official website
.Net Framework	.Net Framework 4.5 or above	Download from the official website
VISA	V16.0 or above	Recommend to download from the original company. The download site: <a href="http://www.ni.com/download/ni-visa-5.2/3337/en/">http://www.ni.com/download/ni-visa-5.2/3337/en/</a>
PV7900	Ver1.1.0	Obtained from the official agent.



### Note

When downloading related software on the official website of NI VISA, you can choose to download according to the operating system adaptation version information provided in the “Operating System”.

## Chapter2 Installing Software

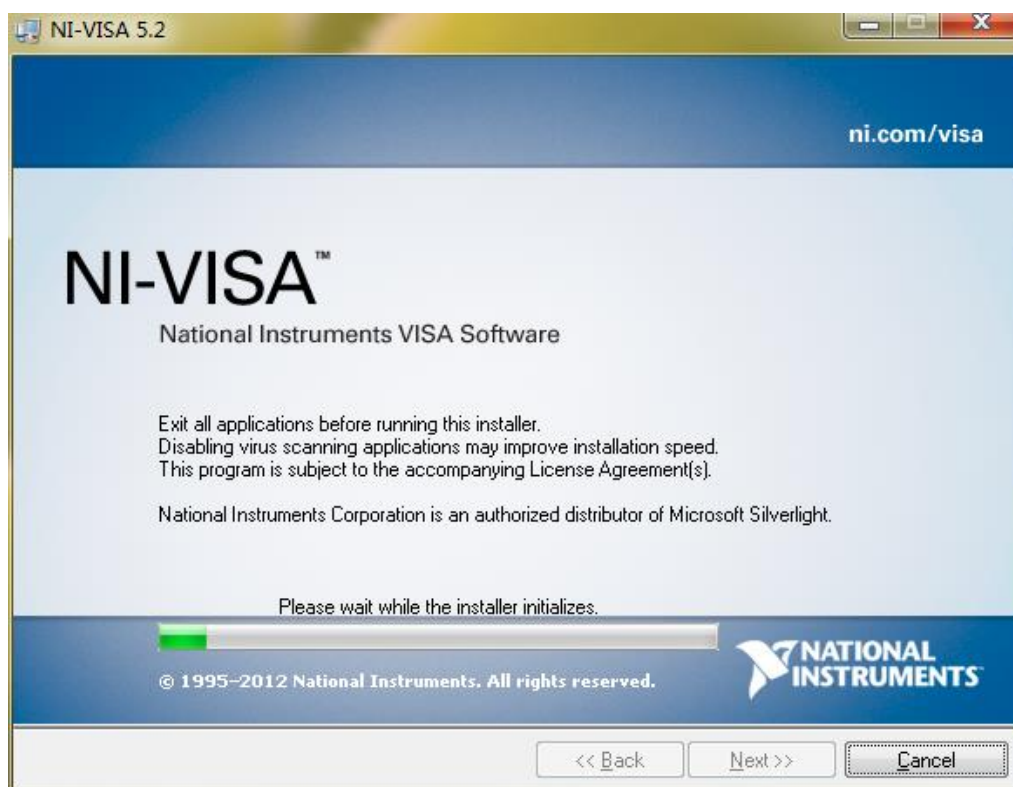
### 2.1 Installing Operating System

Install operating systems of corresponding versions based on installation requirements. For detailed installation steps, refer to corresponding operation guidance on Windows operating system installation software.

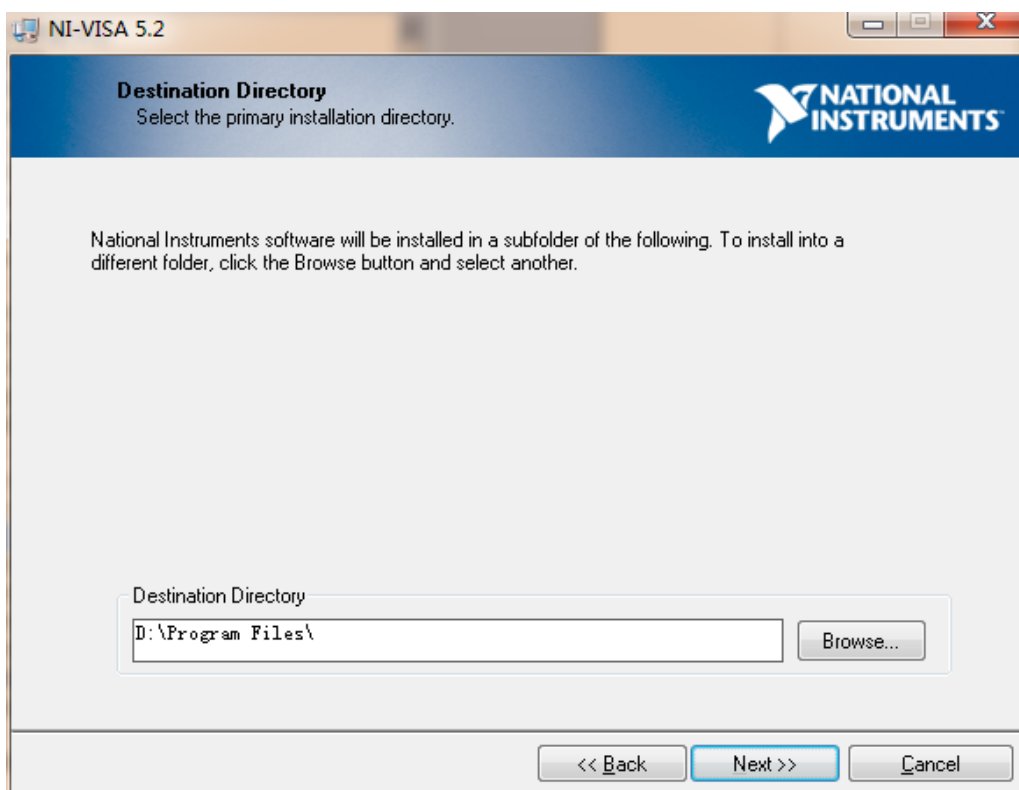
### 2.2 Installing NI VISA

NI-VISA is a VISA I/O standard implemented by NI. It provides the programming interfaces between hardware and application development environments like NI LabVIEW, LabWindows/CVI and Measurement Studio (used for Microsoft Visual Studio).

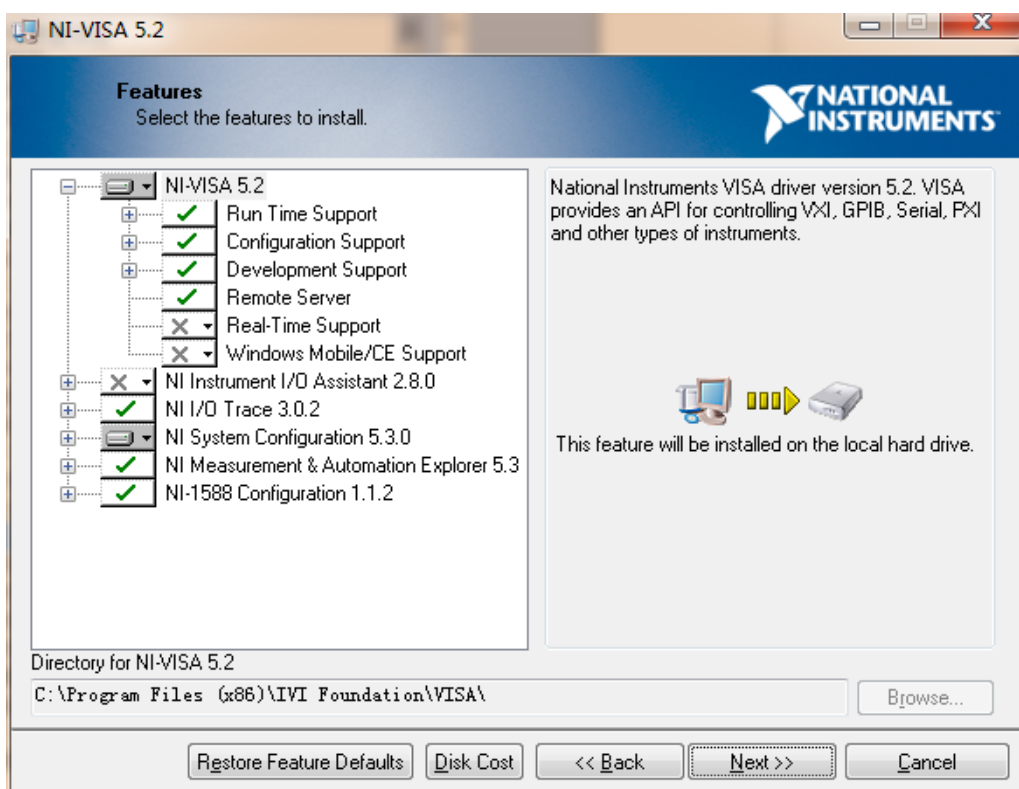
1. Run setup.exe in the folder Install Package.



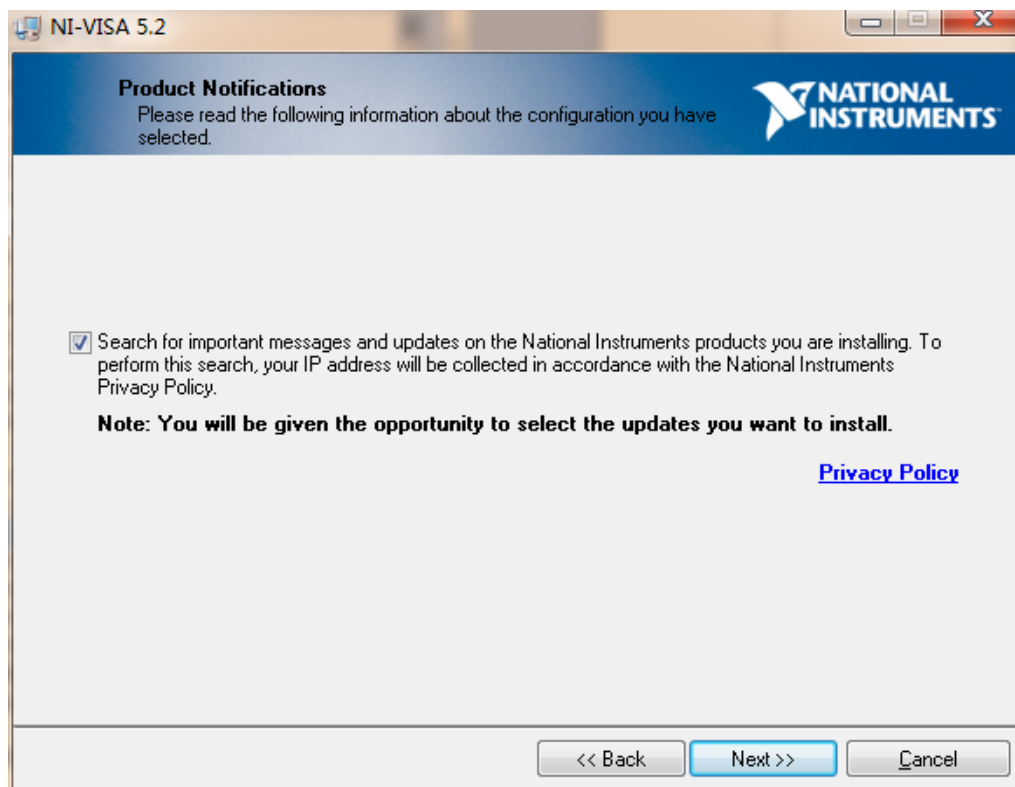
2. Click "Next".



3. Click "Next" to select the components to be installed. If there are no special requirements, keep as default.



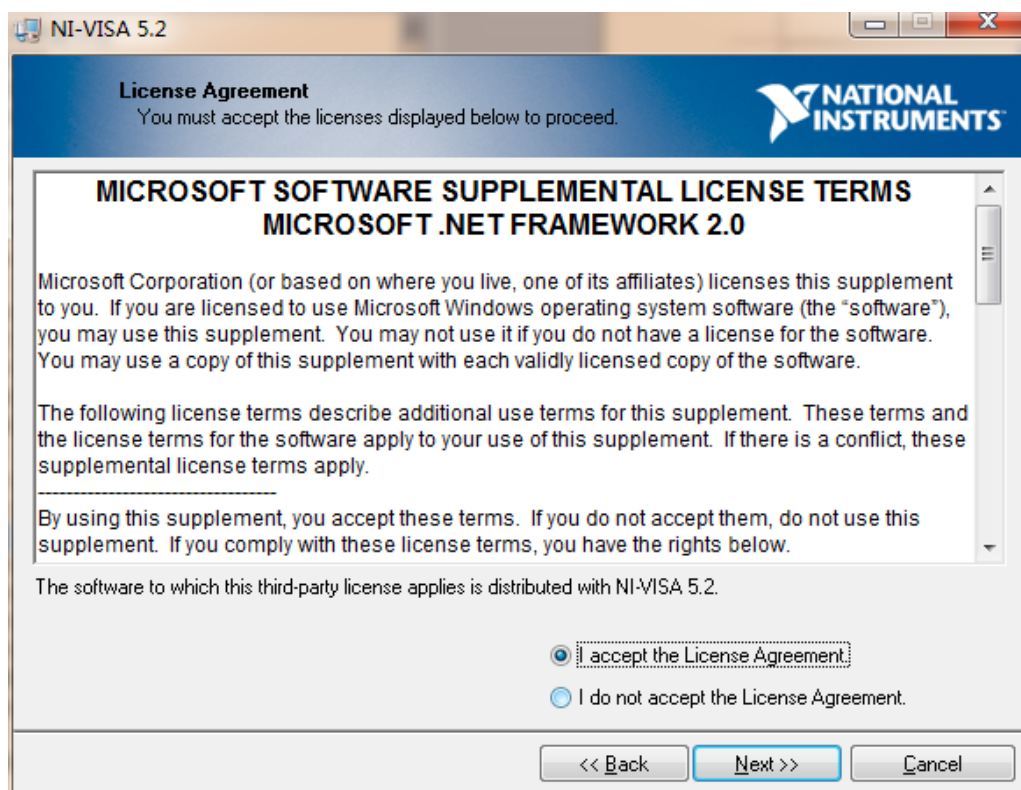
4. Click "Next" and select whether to check the check box as shown below in the "Product Notice" page.



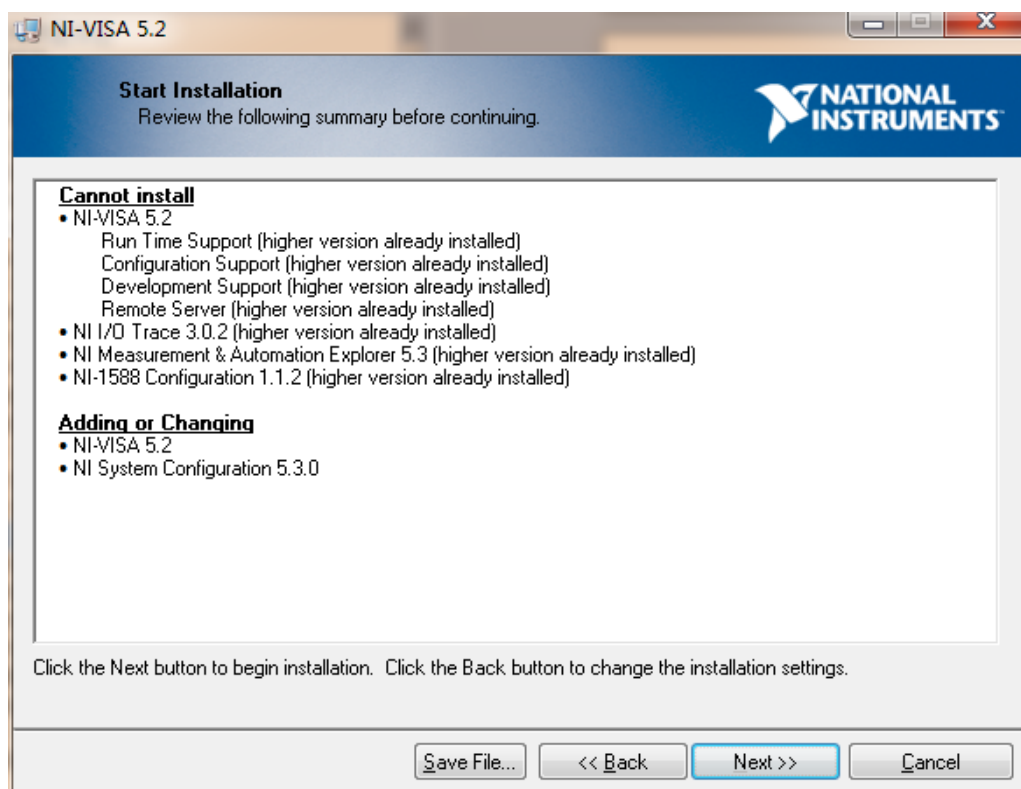
5. Click "Next".



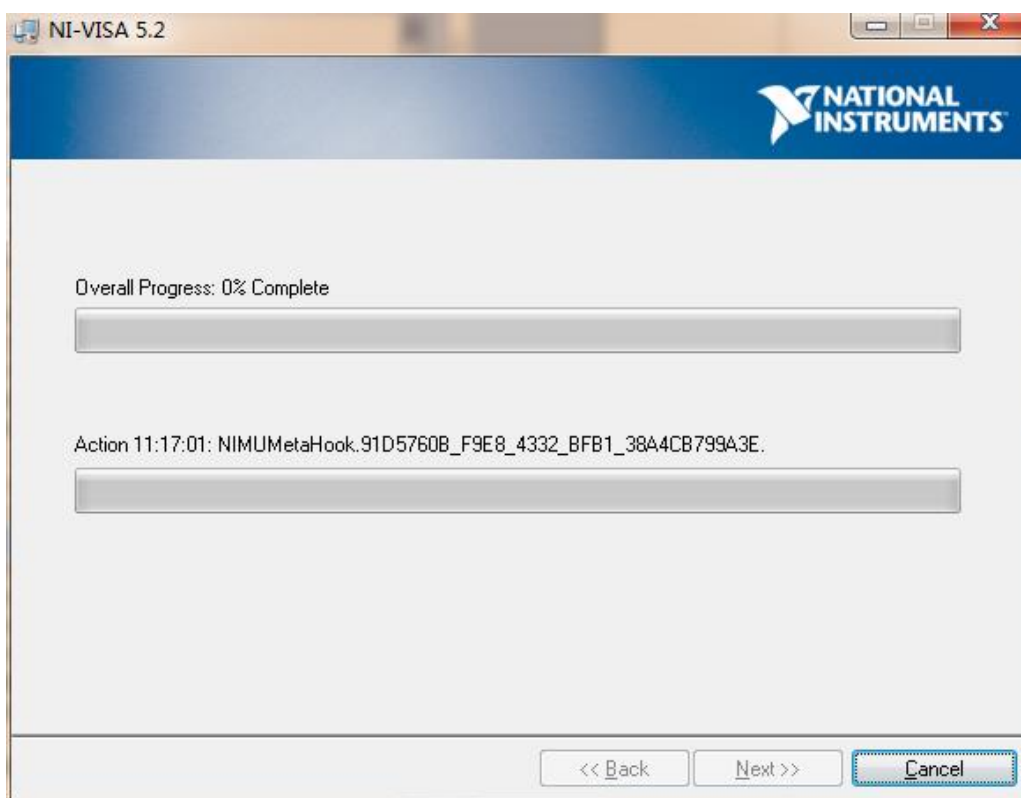
6. Click “Next” and select whether to read and accept the terms in the License Agreement.



7. Click “Next” to confirm installation information.



8. Click "Next" to install.

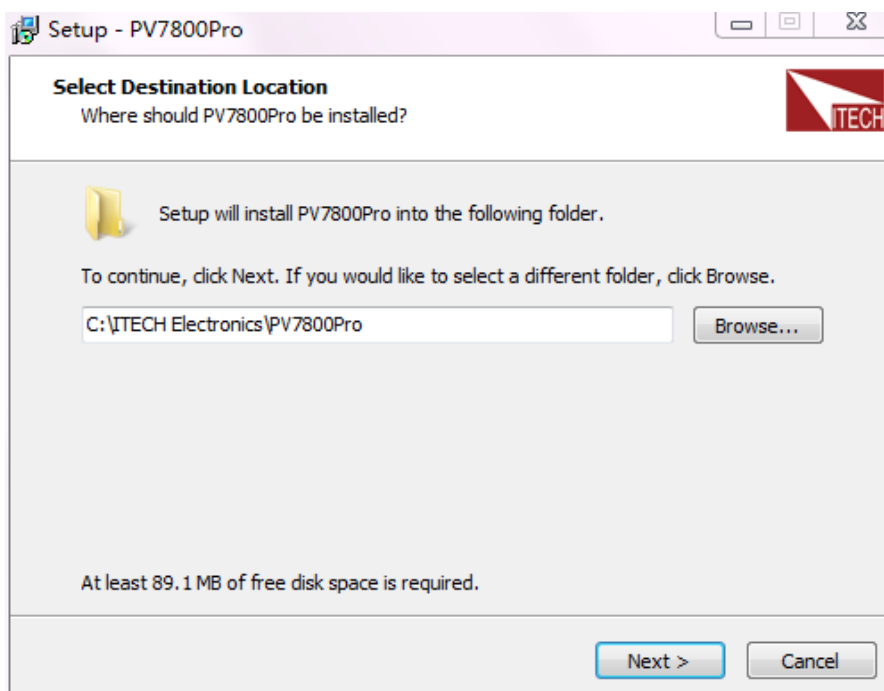


9. After the installation finished, click "Next", and the message of "Restart Computer" will pop up. Restart the computer to make driver installation effective.

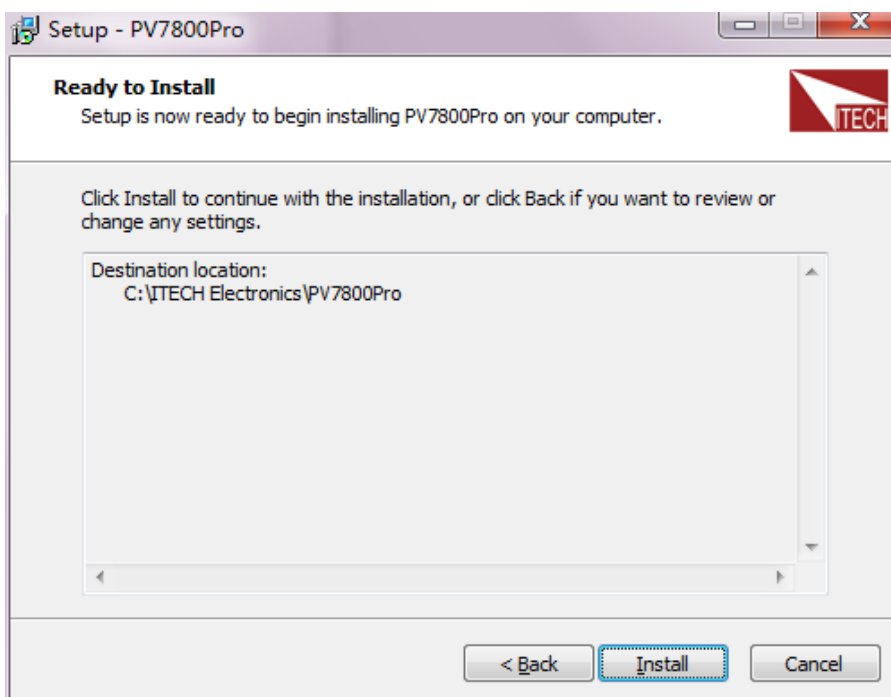
## 2.3 Installing PV7900

### Operation steps

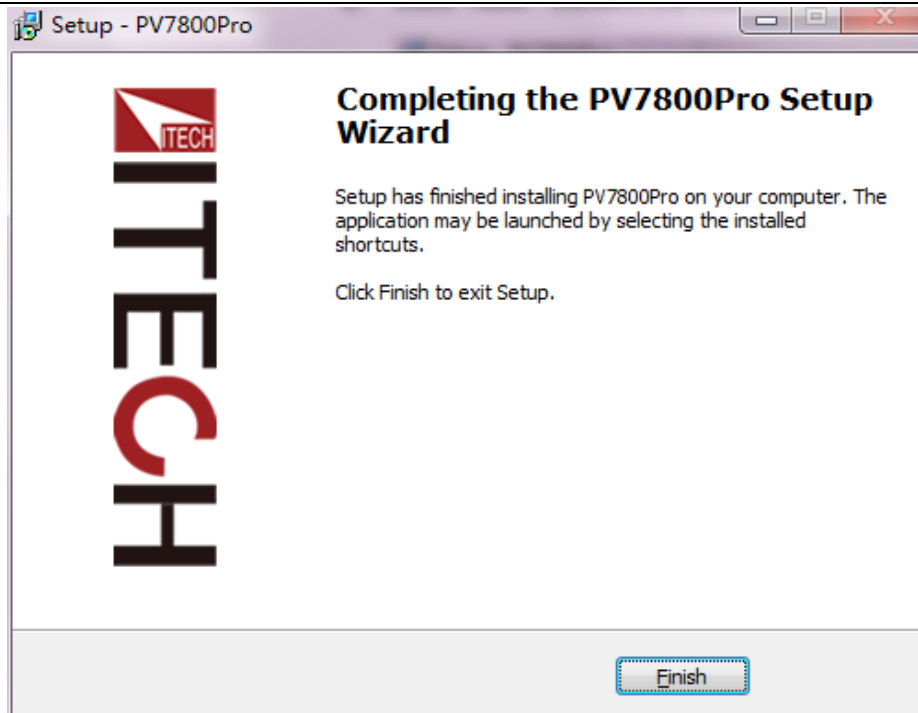
1. Double click the setup file, enter the interface shown below.



2. Click "Next", enter the interface shown below.



3. Click "Install", the software starts installing. After the installation process, the interface below will show.



Click “Finish”. The icon “PV7800Pro” will show on the computer desktop.

## 2.4 Verifying the Installation

After the installation finished, click PV7900 Run Program to start it.

The PV7900 main page is shown as below.



## Chapter3 Removing Software

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To uninstall, use the “Add or Remove Programs” in Windows Control Panel.



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