

Ultra Pressure PC 5000 Quick Start Guide

IMPORTANT! Make sure to carefully read these instructions and the User's Manual before you begin to use the software

CD Contents

The Ultra Pressure PC application CD contains:

- Ultra Pressure PC User Guide
- Ultra Pressure PC Application Software Installation
- Microsoft® .NET Framework Software

When you insert the CD into your computer it will start automatically and displays the selection screen in your default browser. If it does not start, simply navigate to the default.htm file located in the LocalSite folder on the CD.

From the start screen you can select (click) on one of the following:

- View System Requirements
- View Installation Instructions
- View User's Manual (also viewable from the applications Help File)
- Install .Net Framework 3.5 (if needed)
- Install Ultra Pressure PC



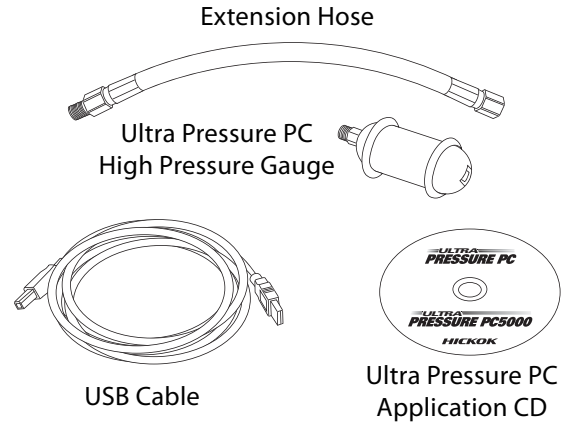
IMPORTANT! Before You Install the Ultra Pressure PC:

- Verify that your computer meets the minimum requirements. Install the Microsoft® .Net Framework 3.5 if needed.
- Carefully read the installation instructions. We suggest printing a copy for reference.
- Make sure you have the CD jacket as it contains an 8 digit serial number that you must enter during the installation process to activate the software.

To Install the Software:

Select **Install Ultra Pressure PC** from the CD's start screen and follow the on-screen instructions.

Kit Contents



Hookup Procedure

Note: This procedure requires a common user supplied fitting

1. Plug the USB cable into your computer and the other end into the Ultra Pressure PC Gauge.
2. If needed, connect a fitting (not supplied) into the inlet end of the pressure gauge. *Note: May require the use of the supplied extension hose.*
3. Connect the Ultra Pressure PC Gauge to the pressure source you want to measure. **Caution!** To avoid injury or damage from high pressure, make sure there are no leaks at the connections and that they are solid and safe.
4. If you have not already done so, start/open the Ultra Pressure PC Application on your computer.
5. Depending on the pressure source you are testing, you may need to turn the vehicle on if required to generate pressure (refer to the vehicle's shop manual if necessary).
6. You are ready to begin testing. Please refer to the online User's Manual for procedures and the back of this sheet for a Quick Reference.

Ultra Pressure PC Application Requirements

Operating System Requirements

- Windows® XP Professional (32 Bit) w/ Service Pack 3 or higher
- Windows® XP Home Edition (32 Bit) w/ Service Pack 3 or higher
- Windows® Vista Home Basic (32 Bit)
- Windows® Vista Home Premium (32 Bit)
- Windows® Vista Business Edition (32 Bit)
- Windows® Vista Ultimate Edition (32 Bit)
- Windows 7 (32 bit / 64 bit)
- Windows 8 (32 bit / 64 bit)

Software Requirements

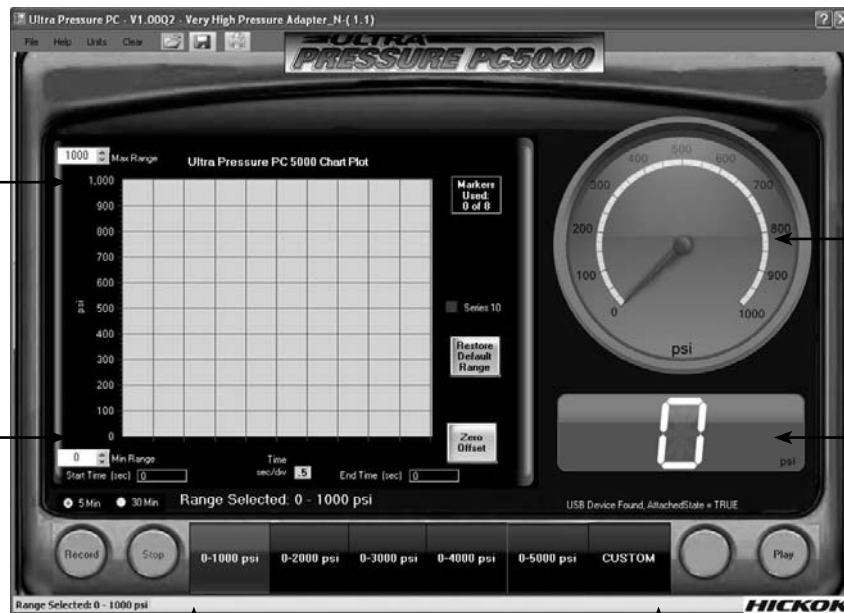
- Microsoft® Internet Explorer 6 (w/ service pack 1 or higher)
- Microsoft® .Net Framework 3.5 service pack.

Computer Hardware Minimum Requirements

- 1GHz or higher processor
- Minimum 512 MB of RAM
- Minimum 250 MB free hard disk space
- Minimum screen display resolution: 1024 x 600 pixels, 1024 x 768 or higher is recommended
- CD-ROM drive (if installing from a CD)
- One available USB 2.0 port

Power Considerations

The Ultra Pressure PC pressure gauge receives power from your computer when it is connected via the USB cable. Therefore, the USB port needs to be able to drive at least 100 ma current. Keep in mind that prolong use of the laptop and pressure gauge without a plug-in wall power supply may result in a quicker discharge of the laptop battery.



Graphic Plot Region
Displays the real-time readings in graph form

Round & Digital Gauge Display
Displays the psi value in real-time

Auto Set Features List Sections

Pre-configured recording setups that are specifically tailored to certain typical pressure ranges.

To Make a Recording

1. Select the desired *Auto Set Feature*.
2. Adjust the Maximum and Minimum Range of pressures to be viewed if you do not want to use the default setting.
3. Select the desired record duration. Note: This is set to 5 minutes by default. When selecting, keep the following in mind:
 - The 5 minute capture does not stop automatically. Instead, after every 5 minutes, it will begin to overwrite the previously recorded data until you press stop.
 - The 30 minute capture records up to 30 minutes without overwriting data and automatically stops at the end of the 30 minutes.
 - You can select *Stop* or *Pause* at anytime during the recording.
4. Select *Stop* to end the recording.

To Enter a Marker During Recording

You can enter up to 8 markers on the data capture to mark a point of interest on the data stream. To enter a marker either press the space bar on your keyboard or click the mouse in the graphics plot region.

To View a Recording

After stopping your recording, the data and any set markers are automatically displayed on the screen in Full View Mode. To zoom in on the data, click on the desired section. To zoom out, click the *Zoom Out* button.

To Playback a Recording

Once you have stopped your recording, click the *Play* button to play back the recording in real-time at 1 second intervals. To playback previously saved data, see *To Open a Saved Data Recording*.

To Save a Data Recording

Select either the *Save* icon at the top of the screen, or Save Recording from the File Menu.

To Open a Saved Data Recording

Select either the *Yellow Folder icon* at the top of the screen, or *Open Recording* from the File Menu and select the recording you wish to view.

To Print a Data Recording

Select either the *Printer icon* at the top of the screen, or *Print Capture Window* from the File Menu to print out the current data in the graphics plot region of the screen. You can only print when you are in View Mode or Playback Mode in the paused state.

To Set Units

You can set the engineering units for the pressure data under display by selecting PSI, Kpa, or Bar under the Units menu.

About the Help File

The Help menu item displays the User's Manual. You can also drag the question mark icon (upper right corner of the screen) over and drop it onto any item on the screen to display help on that item.