

Rotor-Gene Setup instructions

1. Rotor-Gene 3000 Setup Instructions

To run software with Rotor-Gene 3000 you have to follow these steps:

1. Setup Rotor-Gene 3000 Software first time.

Insert the Rotor-Gene 3000 CD into your CD drive.

Double Click on My Computer icon.

Double Click on Compact Disc Rotor-Gene 3000.

Double Click on RgSetup folder.

Double Click on executable file Rotor-Gene_X_Y_ZZ.exe (where X is Major version number, Y is Minor version number, ZZ is Revision version number).

Follow all Installer instructions.

2. Setup Rotor-Gene 3000 Software on PC where it was already installed.

If you install Rotor-Gene 3000 Software on PC where it was installed before it is necessary to uninstall any previous version of Rotor-Gene on your system.

In order to uninstall Rotor-Gene Software Click on Start button on Taskbar, choose Settings, choose Control Panel, double click on Add/Remove Programs icon, choose Rotor-Gene, Click Change/Remove, Click Yes.

Insert the Rotor-Gene 3000 CD into your CD drive.

Double Click on My Computer icon.

Double Click on Compact Disc Rotor-Gene 3000.

Double Click on RgSetup folder.

Double Click on executable file Rotor-Gene_X_Y_ZZ.exe (where X is Major version number, Y is Minor version number, ZZ is Revision version number).

2. Rotor-Gene 2000 Setup Instructions

To run software with RotorGene you have to follow through these steps from 1-7 to install the board, the drivers and the Rotor-Gene Software.

To run the software with the Rotor-Gene the Virtual Machine must not be ticked.

If you want to install demonstration version of Rotor-Gene Software you have to do Step 6 only (Installing the Rotor-Gene Software). When you run software for demonstration purposes leave Virtual Machine ticked .

In order to change Virtual Machine box you have to click <File> <Setup> on Main Rotor-Gene Software screen.

1. Reserve IRQ to use with Data Acquisition Board

Reserve Interrupt 5 in BIOS on PC running Windows 98/95.

a. For Compucon PC Reserve Interrupt 5 for use by Legacy ISA in BIOS

Boot computer and Press Delete on keyboard simultaneously.

Choose PNP/PCI CONFIGURATION Auto(ESCD)

Press Enter

Change Resources Controlled By: Manual

Press Enter to accept.
Choose IRQ Resources and Press Enter.
Change IRQ5 assigned to Legacy ISA
Exit and Save Changes

b. For HP Vectra PC Reserve IRQ5 for use by Legacy ISA in BIOS

Boot computer and press F2 on keyboard simultaneously.
Choose Advanced using arrows on keyboard.
Choose ISA Resource Exclusion using arrows on keyboard.
Press Enter.
Choose IRQ5 assigned to using arrows on keyboard.
Using + or – Choose Legacy ISA.
You have to make “IRQ5 assigned to [Legacy ISA]”
Press F10 (Save and Exit).
Select YES to confirm changes.
Press Enter.

2. Define power management scheme

Click on the Start Menu, Settings and Control Panel.
Double Click on Power Management.
Choose Never for Turn off hard disks.
Choose Never for System standby.
Choose Never for Turn off monitor.
Click on OK button.

3. Installing the Data Acquisition board

There is a jumper block on the board with numbers 234567X above
Set the Interrupt jumper on the board to IRQ5.
Turn of the computer.
Plug in the board.
Turn on your computer again.

4. Installing the ComputerBoards Software

Double Click on My Computer icon.
Double Click on Rg2000 icon.
Double Click on UnivLib5.2 folder.
Double Click on Disk1 folder.
Double Click on Setup.exe.
The installation software will now start up.

A screen will ask you to select which files to install. Select ONLY “Instacal for Windows”,
unticking any other options.

When the software asks you if it can make changes to AUTOEXEC.BAT, select “Yes”.

Do likewise for SYSTEM.INI.

The software will then ask you if it can reboot the computer. Select Yes.

Note: IF you install the new Instacal drivers when the PC has the
old driver already installed do follow:

- uninstall the Rotor-Gene software;
- uninstall Instacal;
- install the new version of Instacal;
- run Instacal and configure it:

- remove the demo board;
 - add a CIO-DAS802 board;
 - select interrupt 5;
 - enable wait states;
 - select single-ended (SE) on all eight positions in the channel configuration.
- install the Rotor-Gene software.

5. Configuring the ComputerBoards Software

Click on Start, Programs, ComputerBoards, Instacal.

Choose DEMO-BOARD. Do right mouse button click and choose Remove Board from pop up menu. Then you have to add ISA board CIO-DAS802. It has to be added with Board Number: 0

Click on Install, Add Board...

Select the board CIO-DAS802 and click OK.

Double-click on the CIO-DAS802 board.

Set the Interrupt Level to 5.

Set Wait State Enabled (be sure to check the jumper on the board)

For each Channel from 0 to 7 in channel configuration, change from DIFF to SE.

Click OK.

Select File, Exit.

6. Installing the Rotor-Gene Software

If you install RotorGene Software first time go to **6.a** .

Before installing any new version of the software, it is necessary to uninstall any previous version of RotorGene on your system.

Insert the RG2000 CD into your CD drive.

Double Click on My Computer icon.

Double Click on Rg2000.

Double Click on RgSetup folder.

Double Click on Rotor-Gene_X_Y_ZZ.exe

Choose Remove Rotorgene option in the Welcome to the Rotorgene Setup Wizard window.

6.a

Insert the RG2000 CD into your CD drive.

Double Click on My Computer icon.

Double Click on Rg2000.

Double Click on RgSetup folder.

Double Click on Rotor-Gene_X_Y_ZZ.exe

Follow all Windows Installer instructions.

7. Display Settings (Optional)

Right-click on the desktop, then select Properties. Click on the Settings tab.

Select High Color (16 bit) for Colors, and 1024x768 for Screen Area.

Click on Advanced.

Make sure the setting is on Small Fonts.

Click OK. Click OK. When prompted, accept the new settings.

To run Rotor-Gene Software double click on Rotor-Gene icon.

