INTERFACE

Lode Ergometer – Philips StressVue

V2.00

STEP I Setting up the hardware

1. You will need the RS-232 cable (part no. 930911) to establish communication between the Lode ergometer and your stress system.
2. Connect the RS232 cable to the ergometer *(see picture 1).*
3. Connect the RS232 cable to the Philips Stress view system *(see picture 2).*

Straight RS232 cable 930911		
D-con 9 pin female		D-con 9 pin male
2 RxD	----------	2 TxD
3 TxD	----------	3 TxD
5 GND	----------	5 GND

STEP II Setting up the ergometer

4. Switch on the ergometer

   The Corival ergometer is default shipped with the LODE RS232 communication protocol but it should be set to the Ergoline P10 RS232 protocol.
   You can change the RS232 by following the procedure below:
   - Switch on the ergometer and press enter.
   - You will be in the "MAIN MENU"
   - Select, by using the up/down keys, the menu "SYSTEM PARAMETER" and press enter
   - Select, by using the up/down keys, the menu "SETTINGS" and press enter
   - Select, by using the up/down keys, the menu "RS232 PROTOCOL" and press enter
   - Select, by using the up/down keys, the "ERGOLINE P10" and press enter.
   - Save the selected RS232 protocol.
   - Switch off the ergometer.

5. For controlling the ergometer by the StressVue the ergometer should be set in "TERMINAL" mode. The "TERMINAL" mode should be selected as follows. After switching the ergometer on press enter, and select "TERMINAL" and press enter again

   NOTE: You can also let the ergometer startup in "TERMINAL" mode every time you switch on the ergometer, by using the default start menu. To set up the ergometer for starting up in “TERMINAL” mode proceed as follows:
   - Switch on the ergometer and press enter.
   - You will be in the "MAINMENU"
   - Select, by using the up/down keys, the menu "SYSTEM PARAMETER" and press enter
   - Select, by using the up/down keys, the menu "SETTINGS" and press enter
   - Press enter to confirm the menu “DEFAULTSTARTMENU” and press enter
   - Select “TERMINAL “ and press enter
   - You will be asked to save the changes confirm with “YES”
   - If you switch off the ergometer it will start-up in the “TERMINAL” mode every time when the ergometer is switched on again.

If you switch off the ergometer it will start-up in the “TERMINAL” mode every time when the ergometer is switched on again.

6. The Lode ergometer is now ready for external control

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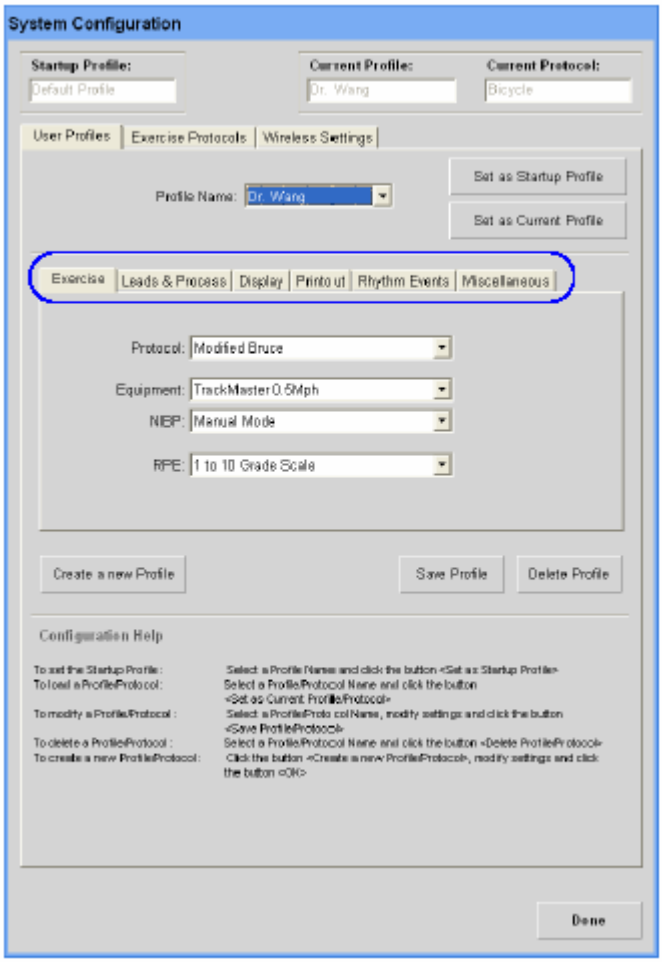
STEP III	Setting up the Philips StressVue

7. Switch on the ECG monitor

CREATING A PROFILE

Creating a protocol requires you to complete the fields on six profile configuration tabs, accessed from the User Profile Configuration window. For details about the tabs, see attached picture **User Profile Configuration window**



StressVue Instructions for Use

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TO CREATE A USER PROFILE

1. Click **Config** on the StressVue Main window. The User Profile Configuration window appears.
2. Click **Create a New Profile.**
3. Type a Profile Name, then press *Tab* to move to the Exercise tab.

DEFINING AND MODIFYING PROFILES

4. Complete the fields as needed on the six tabs. For details about the tabs, see Table 5-1 on page 5-3.

   TIP *Do not click **OK** or **Done**. If you click **OK**, the new profile is created immediately, using defaults for any fields you have not yet completed. You will then have to modify the new profile to finish entering your specifications. If you click **Done**, the new protocol is not saved.*
5. Click **OK** to save the new profile after entering all your specifications. Press **Cancel** if you do not want to save the new profile.
6. To use the new profile now, select it in the Profile Name field, then click **Set as Current Profile**. If you don't select it, StressVue continue to use the previously selected profile.
7. Click **Done** to close the Config window and return to the Main window.

MODIFYING A PROFILE

You can modify any profile on StressVue.

1. Click **Config** from the StressVue Main window. The User Profile Configuration window appears.
2. In Profile Name, click the arrow to display the dropdown list and select the profile to modify. StressVue displays the Exercise tab for the selected profile.
3. Change the settings on any of the tabs, as needed.
4. Click **Save Profile.** You are prompted to save your changes; click **Yes** to overwrite the existing profile settings.
5. To use the modified profile now, select it in the Profile Name field. If you do not select it, StressVue continues to use the previously selected profile.
6. Click **Done** to close the Config window and return to the Main window.

SETTING THE START-UP PROFILE

When you start up StressVue, it loads the profile defined as the *Start-up profile* in the Configuration settings. The settings specified in the start-up profile, including the exercise protocol, are loaded automatically.

NOTE The start-up profile is not necessarily named *Default Profile*; the StressVue software, by default, sets the start-up profile to the *Default Profile* entry. You can set any profile as the start-up profile.

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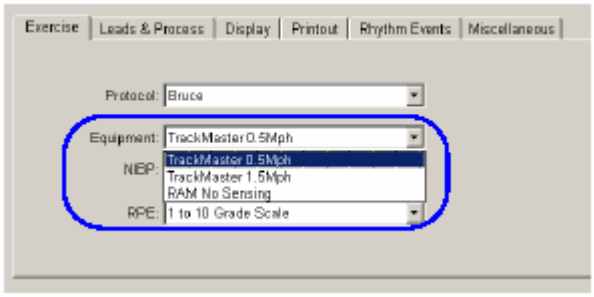
SPECIFYING THE EQUIPMENT

When you are defining or modifying a profile, use the Exercise tab of the User Profile Configuration window to specify the exercise equipment and the non-invasive blood pressure (NIBP) acquisition mode.

1. Display the Exercise tab.
2. Click the dropdown arrow in the Equipment field to select the exercise equipment for the profile. For interfacing with our ergometers you should select the Ergometrics 900 ergometer.



Restart the ergometer and ECG device and then your system is ready to be used.

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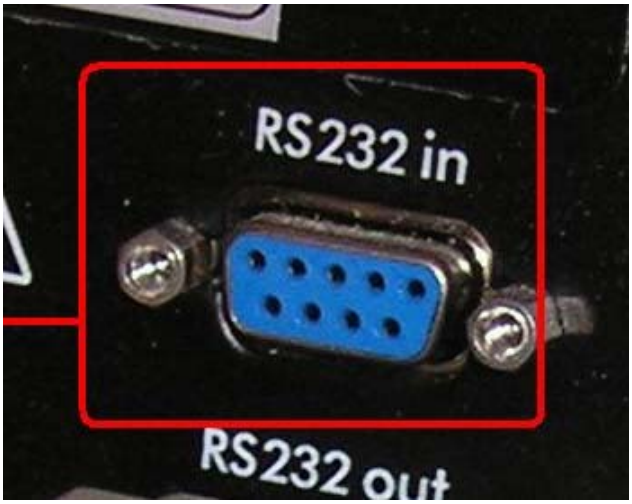
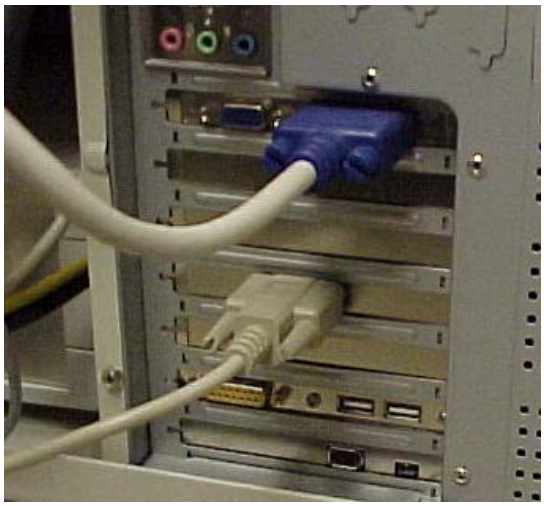
Pictures.



Pic 1


Pic 2

Remarks:
The installation procedures of the Lode ergometers Corival, Angio and Excalibur (Sport) are all the same. The connection of the cables may be on slightly different places.

For questions and comments, you can contact the Lode service department by e-mail at service@lode.nl or by telephone at +31 50 5712811.

Lode B.V.
Zernikepark 16
9747 AN Groningen
The Netherlands

Tel.: 31(0)50 5712811
Fax: 31(0)50 5716746

ISO 9001:2000 and ISO 13485:2003 certified
e-mail: ask@lode.nl
http://www.lode.nl