JBC

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PH CONTROL SOFTWARE

INFRARED PRE HEATER

PH CONTROL SOFTWARE

· Retrieve the programs that are saved in a PH unit.

· Load the programs saved in a file.

· Manually edit programs.

· Send edited programs to the PH unit

· Save edited programs to file.

SYSTEM REQUIREMENTS

Operating System: Windows XP / Vista / 7 (no support for "windows 7 starter" edition)

Screen: 1024 x 768, 256 colors (minimum); 1024 x 768 high density color, 32-bit (recommended)

Port RS-232: Does not work with USB-converter

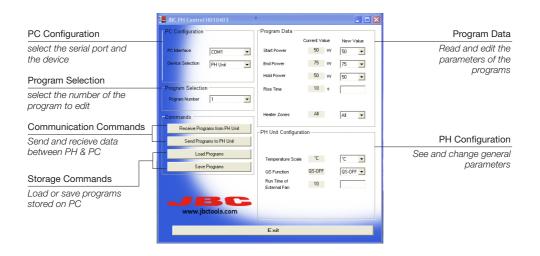**Null modem cable:** DB-9 Female to DB-9 female.

INSTALL AND UNISTALL

For software **installation** run the installer program and follow the wizard instructions.

The installer creates the following folder: *JBC / PreheaterUpdate*.

In order to **unistall** the program, execute the option "Uninstall" found in: *JBC / Preheater* in the *Start* menu.

APLICATION DETAILS

Running the Preheater program. Will display the following:

PC Configuration

select the serial port and the device

Program Selection

select the number of the program to edit

Communication Commands

Send and recieve data between PH & PC

Storage Commands

Load or save programs stored on PC

Program Data

Read and edit the parameters of the programs
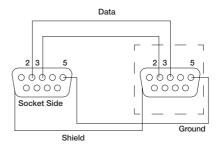
PH Configuration

See and change general parameters

CONNECTION

To connect the unit with a PC, the following steps should be taken:

1. Connect PH unit to PC with a DB-9 cable Null Modem, or similar nothing the following:

Data

2 3   5   2 3   5

Socket Side

Ground

Shield

SAVE PROGRAMS ON PC

Program shown in the application can be saved on the PC with command "Save Programs".

Command "Load Programs" to load parameters into the application from a file saved on the PC.

TRANSFER PROGRAMS BETWEEN PC AND PH

Pressing "Receive Programs from PH Unit" button. Instructions will show how to set PH unit in *Send* mode.

When finishing the process, all programs from PH can be found in the applications screen and can be edited, read and saved a file.

Pressing "Send Programs from PH Unit" button, the instructions of the screen will show how to set PH unit in *Recieve* mode.

When finishing the process, the PH will reset and all programs of the screen will automatically be saved in PH.

PC CONNECT

SEND PC   ENTER   BACK   PUSH   RECEIVE PC   BACK

ENTER   TRANSFER STOPPED *during X sec*   ENTER   TRANSFER STOPPED *during X sec*

WAITING FOR PC   BACK   WAITING FOR PC   BACK

if NOT   PC ready   if NOT   PC ready

TRANSFER PENDING   TRANSFER PENDING

beeps TRANSFER COMPLETE   TRANSFER COMPLETE *beeps*

RESET PENDING *during X sec*

UNIT RESET

JBC PH Control   H010403

PC Configuration

PC Interface   COM1
Device Selection   PH Unit

Program Data

Start Power	50	50
End Power	75	75
Hold Power	50	50
Rise Time	10	

Program Selection

Program Number   1   Heater Zones   All   All

Commands

Receive Programs from P...
Send Programs to PH...
Load Programs
Save Programs

JBC PH Control

Please set PH Unit to Send Mode:
-->PC Connect
   -->Send PC
Afterwards press the Push button.

OK

	°C	°C
	QS-OFF	QS-OFF
External Fan	10	

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Exit

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