

EdiProg

Universal Profile Program Editor

B 70.0754 Operating Instructions

Contents

1	Introduction	3
1.1	Preface	3
1.2	Delivery package	3
1.3	Typographical conventions	4
2	Installation	5
2.1	Hardware requirements	5
2.2	Software requirements	5
2.3	Starting the installation program	5
3	Project planning example	7
3.1	Basic information	8
3.2	Explanation of the toolbar	10
3.3	System file	11
3.4	Project	12
3.5	Profile program source	14
3.6	JUMO DICON 1001	16
3.6.1	Select channel number	16
3.6.2	Profiles	17
3.7	JUMO PR-100	19
3.7.1	Select channel	19
3.7.2	Profiles	19
3.7.3	Time switch	21
3.8	Programs for the meat processing industry	22
3.8.1	JUMO LPF-100/200	23
3.8.2	JUMO PRF-100	28
4	Profile Program Editor EdiProg	33
4.1	System file	33
4.1.1	New	33
4.1.2	Open	33
4.1.3	Save as	34
4.1.4	Close	34
4.1.5	Standard settings	34
4.1.6	Quit	34
4.2	Project	35
4.2.1	New	35
4.2.2	Edit	36
4.2.3	Save as	36
4.2.4	Delete	36

Contents

4.2.5 Print	37
4.3 Profile program source	38
4.3.1 New	38
4.3.2 Edit	39
4.3.3 Save as	40
4.3.4 Delete	40
4.3.5 Load configuration data	40
4.3.6 Transfer	41
4.3.7 Process steps	41
4.4 Profile program	42
4.4.1 New	42
4.4.2 Edit	42
4.4.3 Save as	42
4.4.4 Rename	42
4.4.5 Delete	42
4.4.6 Transfer	43
5 What to do if...	45

1.1 Preface



The Universal profile program editor “EdiProg” is software which is intended for the quick and convenient creation of profiles.

Profiles from different JUMO profile instruments can be managed easily, in the form of a hierarchical structure.

These Operating Instructions describe the EdiProg software version 103.02.07 / database version 3.0.

PC knowledge

The processes and concepts described in the operating instructions require substantial experience in using the Microsoft-Windows¹ operating system.

Literature

When entering profiles, the corresponding operating instructions of the profile instruments must be available, since this description only deals with the functions of EdiProg.

1.2 Delivery package

Check every delivery to make sure it is complete and undamaged.

If something is missing or damaged, please contact your nearest subsidiary or the main factory.

Address

M. K. JUCHHEIM GmbH & Co

Moltkestraße 13 - 31

D-36039 Fulda, Germany

Phone in Germany (0661) 60 03-727

from abroad (+49) 661 6003-0

Fax in Germany (0661) 60 03-508

from abroad (+49) 661 6003-607

Delivery

- 3 diskettes
- Operating Instructions
- Software licensing agreement
- Registration card

1. Microsoft and Windows are registered trademarks of Microsoft Corporation

1 Introduction

1.3 Typographical conventions

Warning signs

The signs for **Danger** and **Warning** are used in these Operating Instructions under the following conditions:



Danger

This sign is used when there may be **danger to personnel** if the instructions are disregarded or not followed accurately!



Warning

This sign is used if there may be **damage to equipment or data** if the instructions are disregarded or not followed accurately!

Note signs



Note

This sign is used when your **special attention** is drawn to a remark.



Reference

This sign refers to further information in other manuals, chapters or sections.

abc¹

Footnote

Footnotes are notes which refer to certain points in the text. Footnotes consist of two parts:

Marking in the text and the footnote text.

The markings in the text are arranged as continuous raised (superscript) numbers.

The footnote text (in smaller typeface) is placed at the bottom of the page and starts with a number and a full stop.

*

Action

This sign indicates that an action to be performed is described. The individual steps are marked by this asterisk, e.g.:

* Switch off supply

* Pull screw-clamp connectors off the module

Program → New

Command chain

Italic script together with the arrow indicates the “logical” program sequence, i.e. how the function is started from the menu bar.

2.1 Hardware requirements

The following hardware requirements must be met when operating the “Ediprogram” program.

Minimum configuration

- IBM-PC or compatible PC from 486 processor
- 4MB main memory
- 3.5" disk drive
- mouse
- one free serial port (communication with instrument)
- 6.5MB available on hard disk
- VGA graphics

Recommended configuration

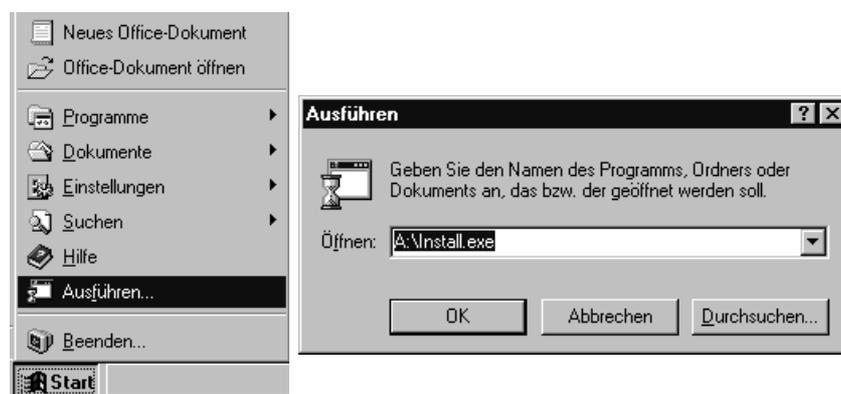
- IBM-PC or compatible Pentium¹ PC
- 8MB main memory
- mouse
- one free serial port (communication with instrument)
- 20MB free disk space
- Super VGA graphics (from 800x600 pixels)

2.2 Software requirements

- Windows 3.1 / 3.11 or Windows 95

2.3 Starting the installation program

- * Start Microsoft Windows 95
- * Insert diskette 1/3 of the Universal profile program editor
- * Call up installation using the *Start* → *Run* function
“a:\install” or “b:\install”, depending on drive letter



- * Enter “a:\install” or “b:\install”, depending on drive letter
- * Click on *OK*

The installation program will lead you through the rest of the installation with screen messages.

1. Pentium is a registered trademark of Intel Corporation

2 Installation

3 Project planning example

3 Project planning example

3.1 Basic information

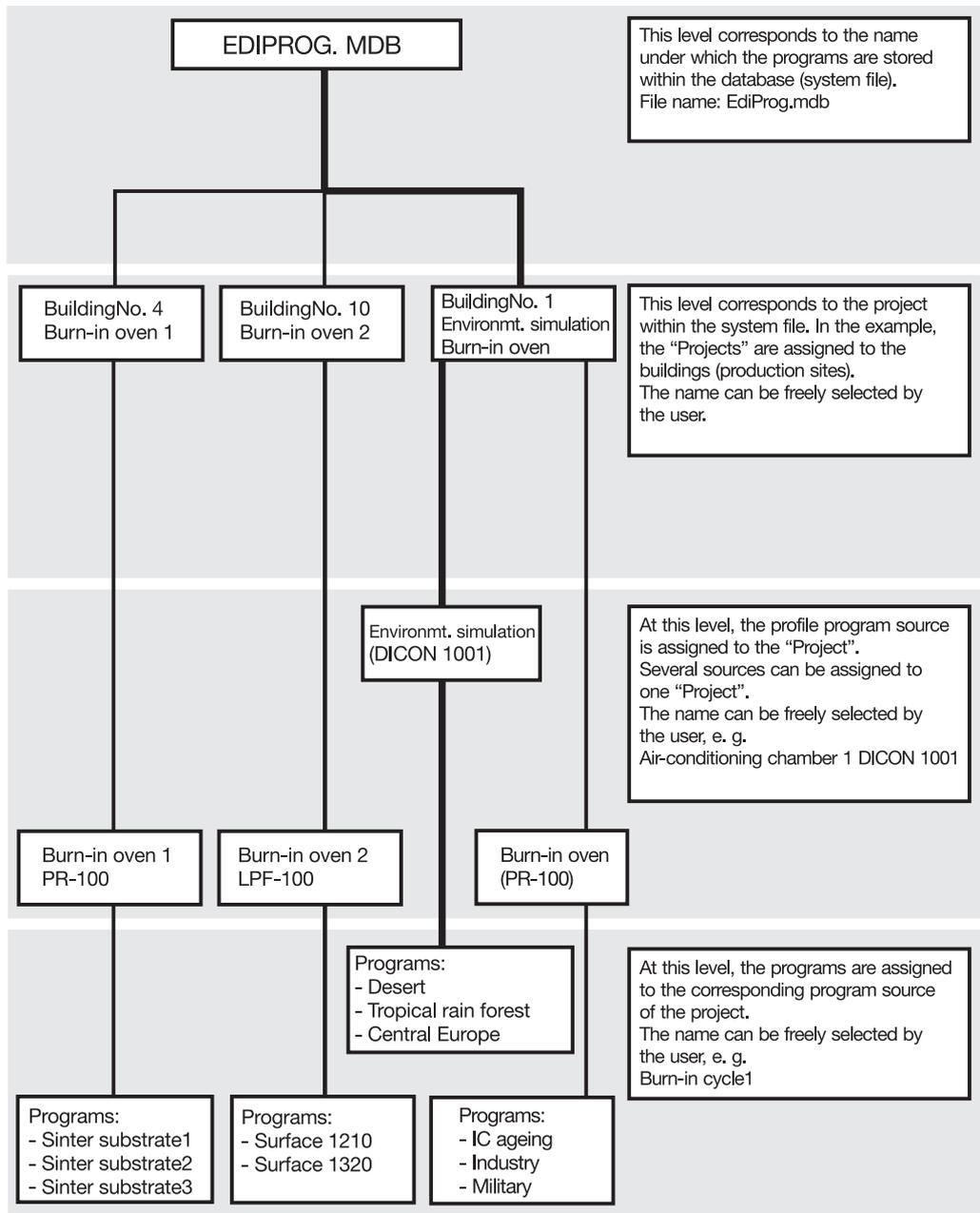
The program editor can be used for the convenient creation of profile programs for JUMO profile controllers.

The programs are structured hierarchically in a system file and managed in the form of a database (tree structure). This ensures that the programs are easily saved and recovered.

The example below shows the structure of the program management.

The DICON 1001 is used on different production sites for the operation and control of air-conditioning cabinets and burn-in furnaces. When used in production, different profile programs are required, which can be created and managed using the program editor. The path indicated in the picture is described below.

System file (1)



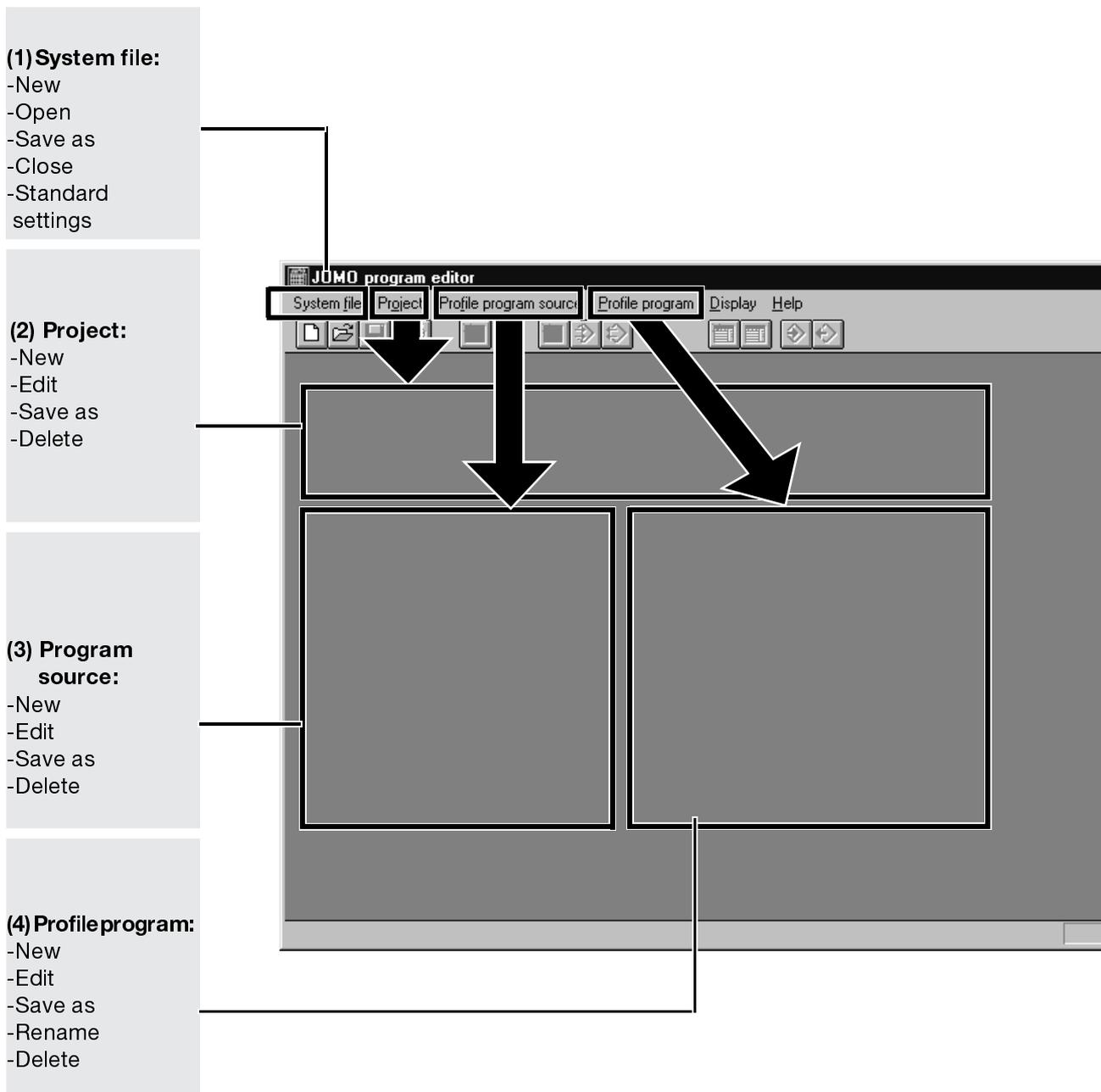
3 Project planning example

The following template (basic display) will appear after the profile program starts. When the program is first started, it creates a system file called EDIPROG.MDB

This chapter describes the direct path to program creation.



Close applications for setup programs when COM1 or COM2 are used for Ediprogram.

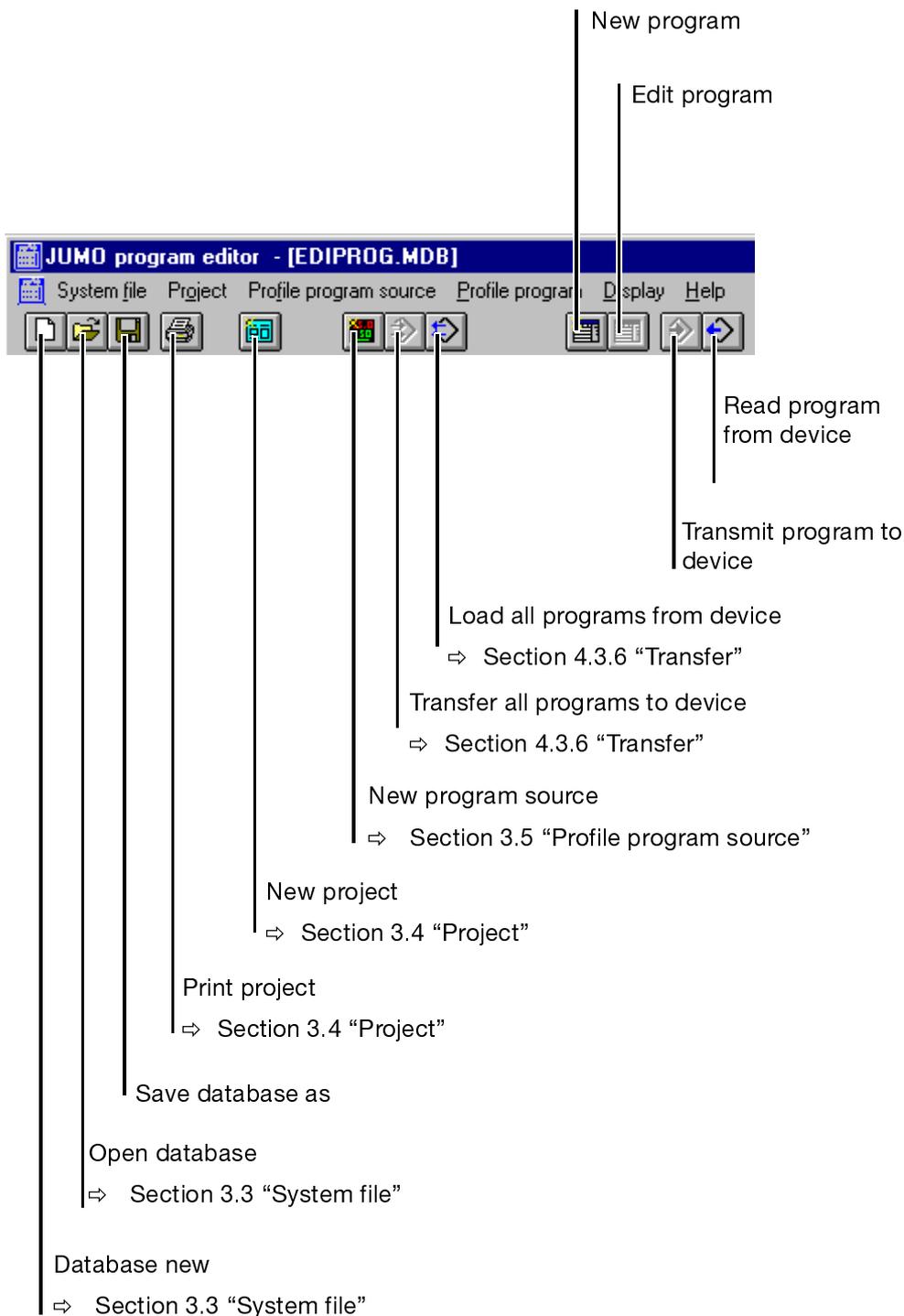


3 Project planning example

3.2 Explanation of the toolbar

The individual menu items can be called up quickly and directly using the buttons on the toolbar.

In the description below, these symbols are shown on the left side:



Functions which are shown greyed out cannot be executed.

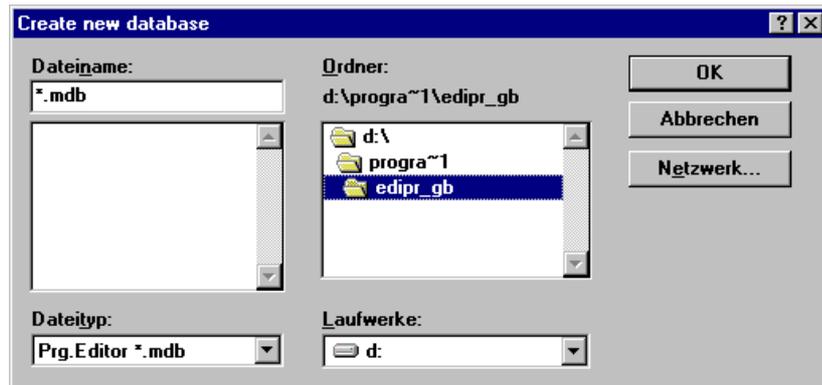


3 Project planning example

3.3 System file

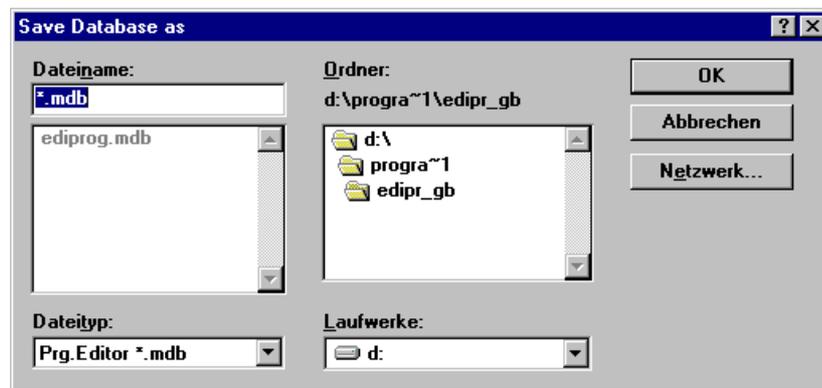
Create

Next, a new database name which corresponds to the application is assigned. The program automatically suggests the name "ediprogram.mdb".



The menu item *System file* → *Save as* can also be used to assign a different name.

Save as



Open



If a database already exists, it is also possible to open a database at this point.



3 Project planning example

3.4 Project

Create new project

The entire system file is divided into different projects. The example below shows the division into different buildings (click on the ProjectName field).



Project (2)

The screenshot shows a dialog box titled "Create new project". It has three main sections: "Project Name:" with a text input field containing "Project"; "Available projects:" with an empty list box; and "Information on project:" with a text area containing "Project Info". There are "OK" and "Cancel" buttons on the right side.

* Enter project name

An info text of max. 255 characters can be entered for each project.

If the program is to be processed later, it can be easily recovered. Information could be given here on which chambers can be found in the building, for example.

The screenshot shows the same dialog box as above, but with updated content. The "Project Name" field now contains "BuildingNo.1". The "Available projects" list now contains "Project". The "Information on project" text area now contains "Project Info", "1st floor Environmental simulation", and "2nd floor Burn-in over".

* Confirm with OK

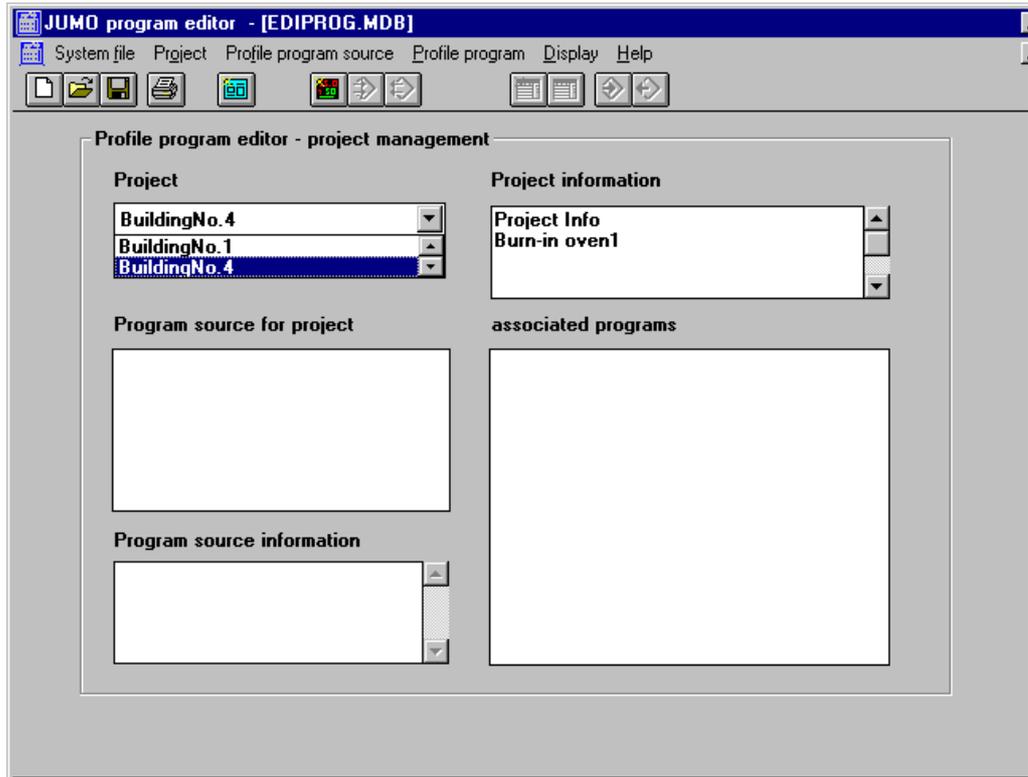
* Enter next project

3 Project planning example

When all projects have been set up, then the corresponding program source (in the example: DICON 1001) can be assigned. To this end, the appropriate project name has to be selected in the “Profile program editor - project management” template.

Example

- * Select project “Building No.1” by clicking on the selector field.



3 Project planning example

3.5 Profile program source

The term “profile program source” indicates a JUMO profile instrument which is selected in the subsequent template.

Create new profile program source



Profile program source (3)

* Select *Profile program source* → *New*

A dialog appears in which the program source used is defined.

Create new profile program source

Source - Name:

Source - Type:

Device address: Network address:

Available sources:

OK Cancel

Information on profile program source:
(Text length: max. 255 characters)

Info on profile program source

An info text with max. 255 characters can be entered for each program source. If the program is to be processed later on, then it can be easily recovered. Information about the process can be given here, for example.

* Confirm with *OK*

Example

Edit profile program source

Source - Name: Source - Type:

Device address: Network address: Mode Modbus : Setup -> Modbus

Edit information for profile program source
(Text length: max. 255 characters)

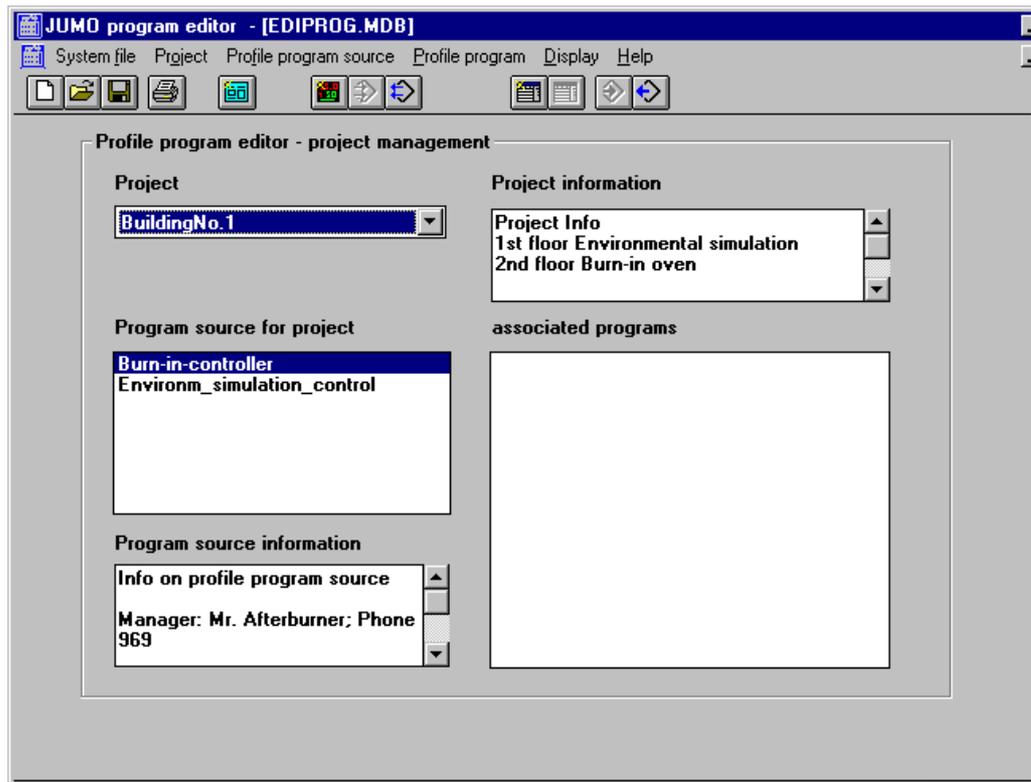
Section 12, Room No. 410
Manager Mr. Burnstone; Phone: 562

OK Cancel

3 Project planning example

After all program sources have been entered in this project, then the profile program can be created. To do this, the required “profile program source” (simulation of environment) has to be selected within the program editor project management.

- * Select profile program source “Simulation of environment” by clicking on the selector field.



At this point, the input structure, which is identical for all program sources, ends. The text below deals with the creation of profiles for the different JUMO instruments.

3 Project planning example

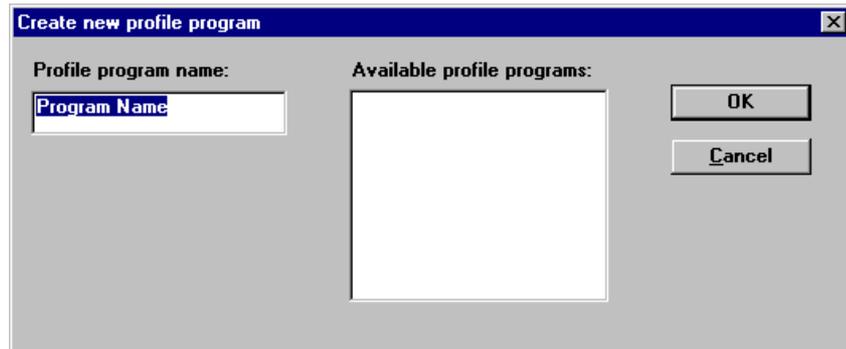
3.6 JUMO DICON 1001

* Click on *Profile program* → *New* in the toolbar

New profile program



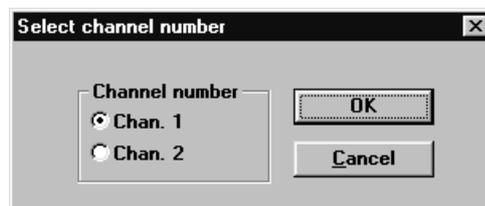
Profile program (4)



* Enter program name (desert, tropical rain forest etc.)

3.6.1 Select channel number

Two profiles can be selected under the program name (channel 1 / channel 2).



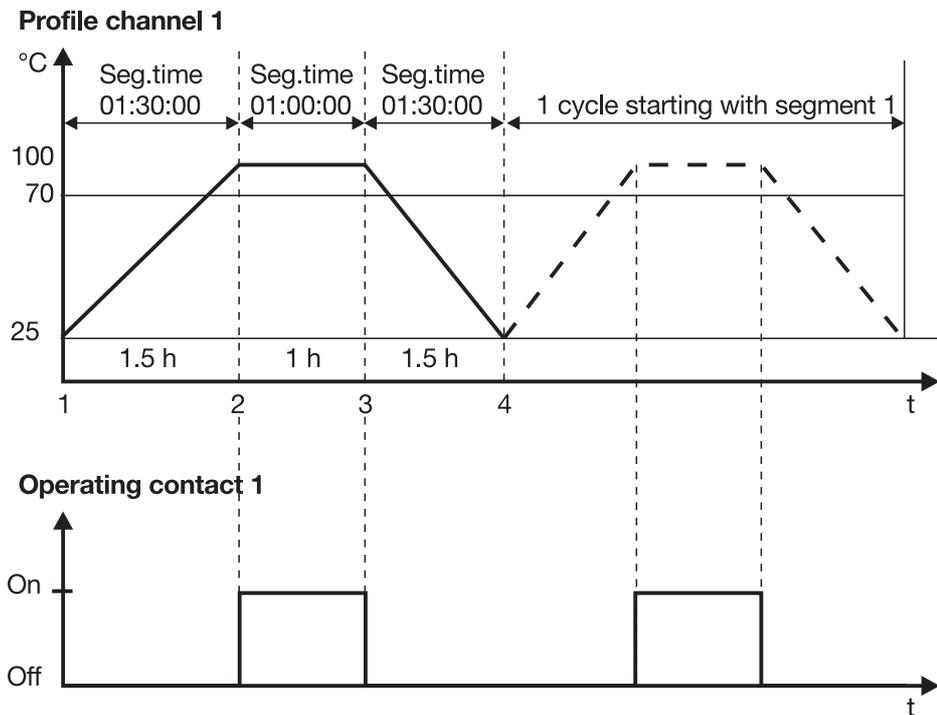
With the program editor, counting of the segments starts at segment 1 (corresponds to segment 0 in the device).

The following profile shows the entry in the program dialog:

3 Project planning example

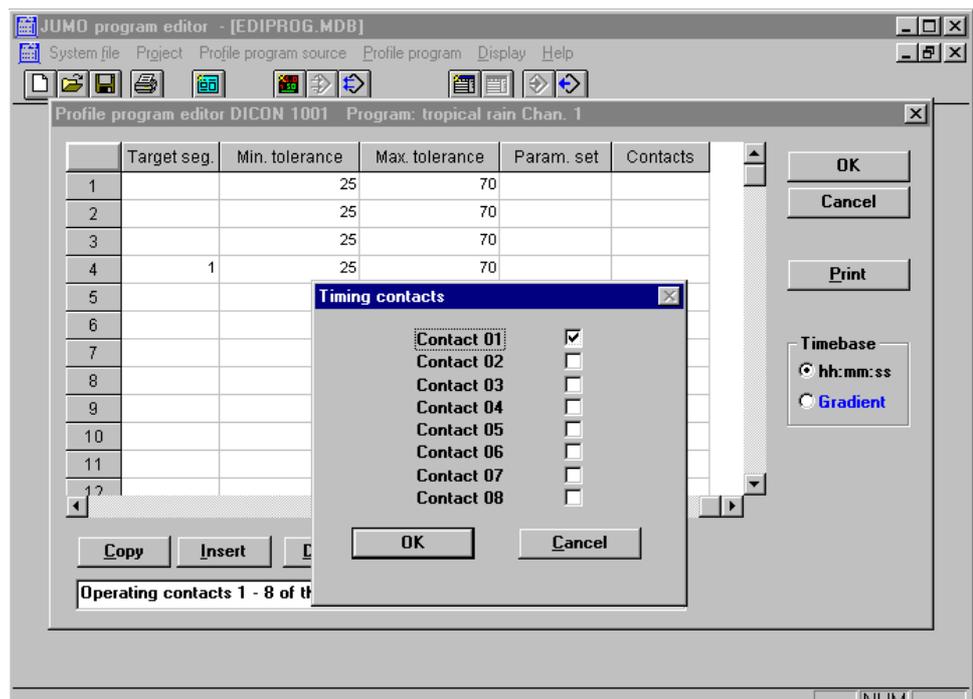
3.6.2 Profiles

Example



Set operating contact

- * In the *Timing contacts* window, mark *Contact 01* with a cross (A hexadecimal number is shown in the column)



The profile is entered in tabular form. Each line corresponds to the individual segments to be programmed. The segment number appears in numerical order on the left side of the screen.

3 Project planning example

The program can be printed via the "Print" button in the dialog which is shown.

from segment 1

repeat 1 cycle

Segment	Setpoint	Segm.time	Cycles	Target seg.	Min. tolerance	Max. tolerar
1	25	1:30:00			25	
2	100	1:00:00			25	
3	100	1:30:00	1	1	25	
4	25	00:00:01			25	
5						
6						
7						
8						
9						
10						
11						
12						

OK
Cancel
Print

Timebase
 hh:mm:ss
 Gradient

Copy Insert Delete Insert line Delete line

Segment setpoint

delete line

insert line

delete marked fields

insert contents of clipboard
at the position marked by the cursor

copy marked fields to the
clipboard

Segment number

* Store the profile with OK

3 Project planning example

3.7 JUMO PR-100

The program entry for the PR-100 is very similar to the entry on the unit. Within one program, 4 profile curves (setpoint curves) and 8 timing diagrams are entered along a time axis.

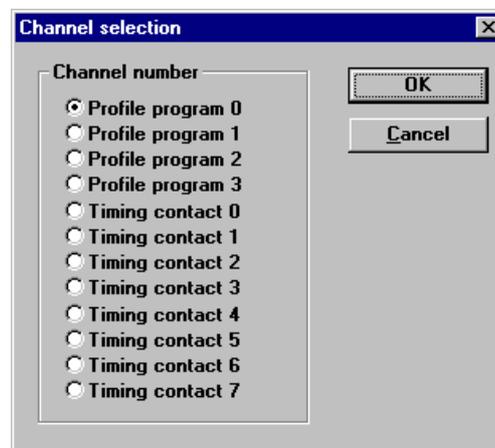
Up to 50 different programs can be accommodated in a unit.

- * Click on program source "Burn-in furnace"
- * *Profile program* → *New*



- * Confirm with *OK*

3.7.1 Select channel

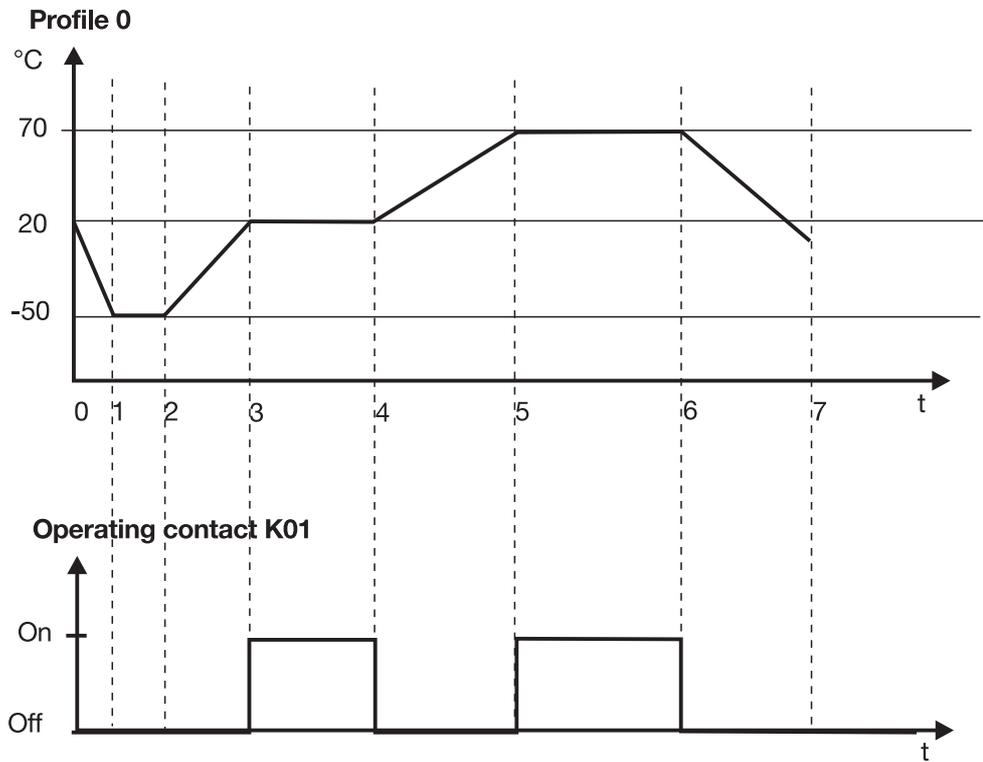


3.7.2 Profiles

⇒ Operating Instructions B75.3201.2 System hardware for PR-100 Process Control System

3 Project planning example

Example



Entry

Profile program editor PR100 Program: IC ageing ZP 0

	Setpoint	Segm.time	Target seg.	Cycles	Min. tolerance	Max. toler.
1	20	00:02:00				
2	-50	00:05:00				
3	-50	00:10:00				
4	20	00:10:00				
5	20	00:08:00				
6	70	00:15:00				
7	70	00:10:00				
8	20	00:01:00				
9						
10						
11						
12						

Buttons: OK, Cancel, Print, Copy, Insert, Delete, Insert line, Delete line

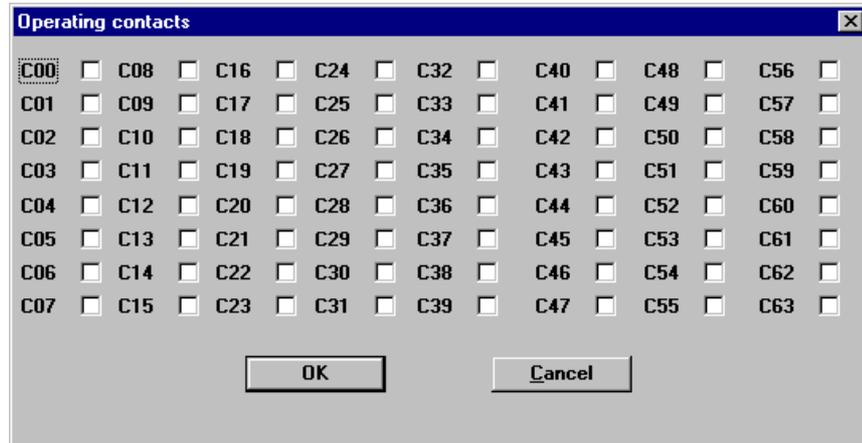
Segment time in hh:mm:ss

Scroll table to right for further functions

Operating functions

- * Click on *Contacts* in table

3 Project planning example

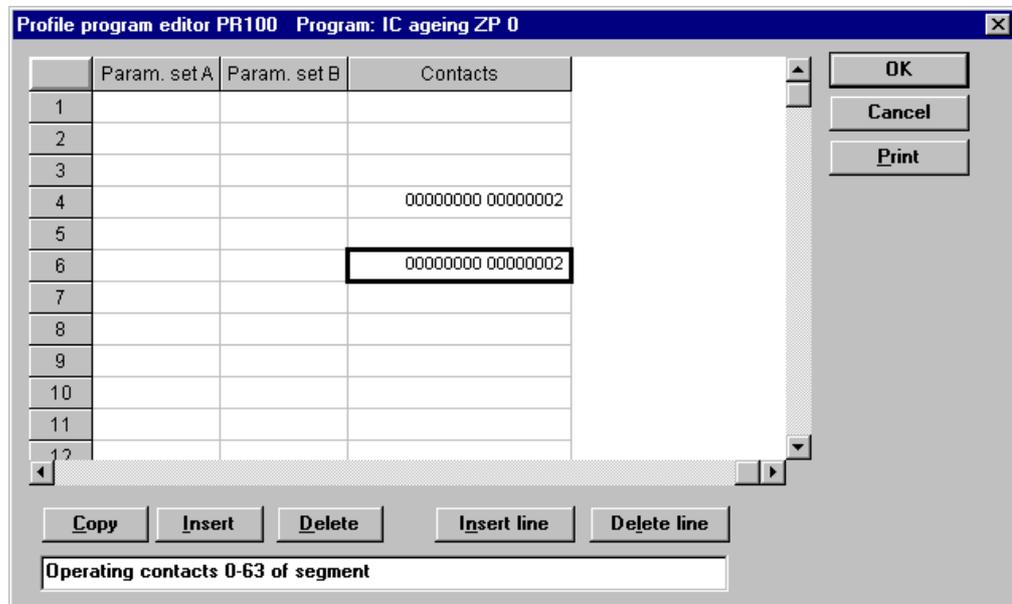


Operating contacts

<input checked="" type="checkbox"/> C00	<input type="checkbox"/> C08	<input type="checkbox"/> C16	<input type="checkbox"/> C24	<input type="checkbox"/> C32	<input type="checkbox"/> C40	<input type="checkbox"/> C48	<input type="checkbox"/> C56
<input type="checkbox"/> C01	<input type="checkbox"/> C09	<input type="checkbox"/> C17	<input type="checkbox"/> C25	<input type="checkbox"/> C33	<input type="checkbox"/> C41	<input type="checkbox"/> C49	<input type="checkbox"/> C57
<input type="checkbox"/> C02	<input type="checkbox"/> C10	<input type="checkbox"/> C18	<input type="checkbox"/> C26	<input type="checkbox"/> C34	<input type="checkbox"/> C42	<input type="checkbox"/> C50	<input type="checkbox"/> C58
<input type="checkbox"/> C03	<input type="checkbox"/> C11	<input type="checkbox"/> C19	<input type="checkbox"/> C27	<input type="checkbox"/> C35	<input type="checkbox"/> C43	<input type="checkbox"/> C51	<input type="checkbox"/> C59
<input type="checkbox"/> C04	<input type="checkbox"/> C12	<input type="checkbox"/> C20	<input type="checkbox"/> C28	<input type="checkbox"/> C36	<input type="checkbox"/> C44	<input type="checkbox"/> C52	<input type="checkbox"/> C60
<input type="checkbox"/> C05	<input type="checkbox"/> C13	<input type="checkbox"/> C21	<input type="checkbox"/> C29	<input type="checkbox"/> C37	<input type="checkbox"/> C45	<input type="checkbox"/> C53	<input type="checkbox"/> C61
<input type="checkbox"/> C06	<input type="checkbox"/> C14	<input type="checkbox"/> C22	<input type="checkbox"/> C30	<input type="checkbox"/> C38	<input type="checkbox"/> C46	<input type="checkbox"/> C54	<input type="checkbox"/> C62
<input type="checkbox"/> C07	<input type="checkbox"/> C15	<input type="checkbox"/> C23	<input type="checkbox"/> C31	<input type="checkbox"/> C39	<input type="checkbox"/> C47	<input type="checkbox"/> C55	<input type="checkbox"/> C63

OK Cancel

3.7.3 Time switch



Profile program editor PR100 Program: IC ageing ZP 0

	Param. set A	Param. set B	Contacts
1			
2			
3			
4			00000000 00000002
5			
6			00000000 00000002
7			
8			
9			
10			
11			
12			

OK
Cancel
Print

Copy Insert Delete Insert line Delete line

Operating contacts 0-63 of segment

* Save entry with OK

3 Project planning example

3.8 Programs for the meat processing industry

As far as programming is concerned, differences arise between the equipment manufacturers and the users with regard to the functions used. EdiProg is suitable for both parties.

Equipment manufacturers

Generally, the equipment manufacturer enters the process steps (fixed segments) and delivers the operable installation with the standard programs.

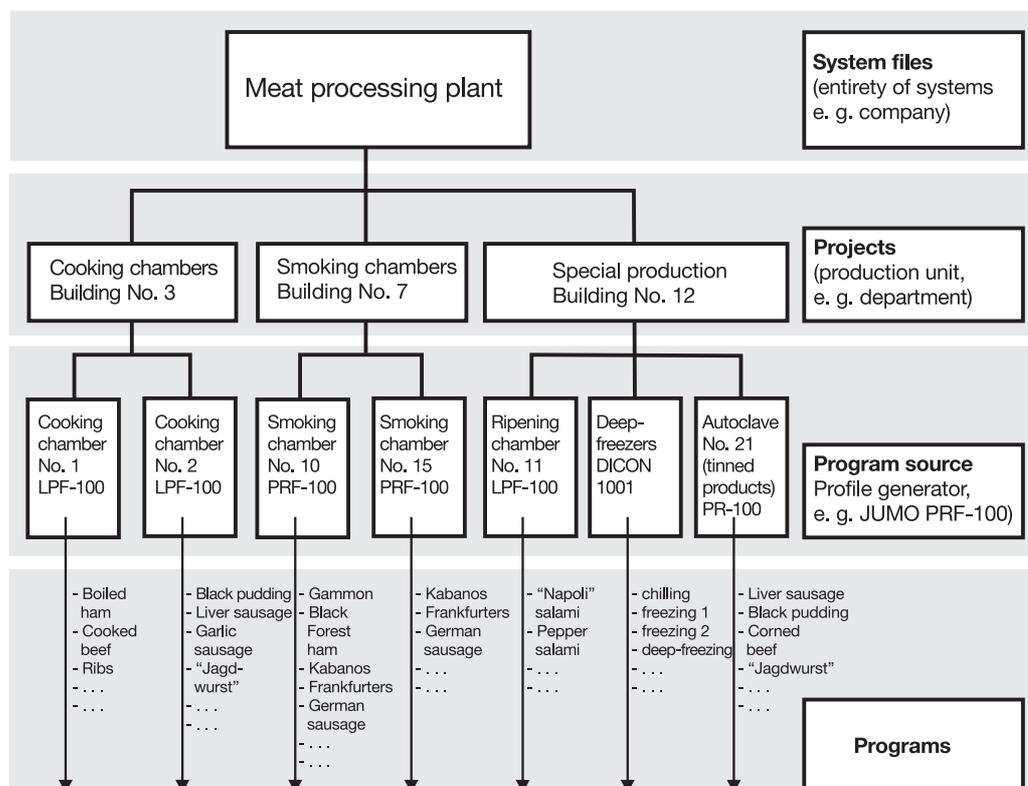
Users

The user, on the other hand, uses the set segments, which are protected by a password, and alters existing programs or creates new ones with the aid of the process steps (fixed segments) supplied with it.

The program management is structured in the way described on the previous pages. The picture below shows an example from the meat processing industry.

Program management in the program editor

Menu item in the program editor



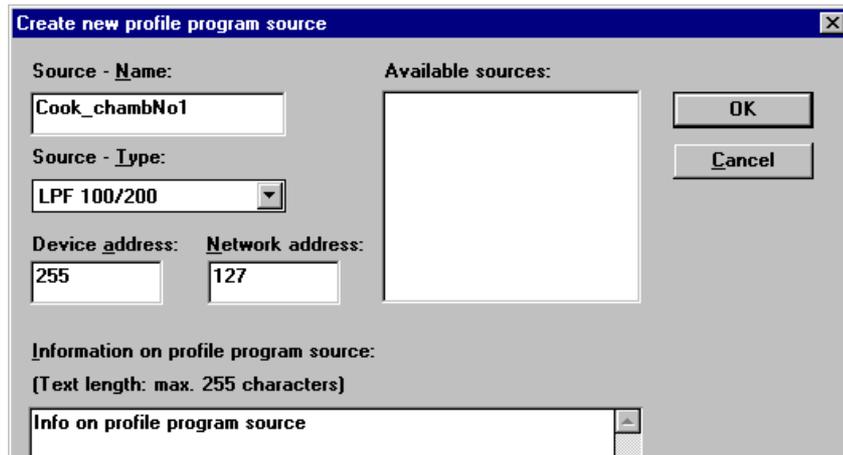
3 Project planning example

3.8.1 JUMO LPF-100/200

Before entering the program, the process steps have to be defined, or already existing ones loaded from the instrument.

- * Create program source LPF-100/200 or click on it if LPF-100/200 has already been entered in the standard display "Profile program source of project".

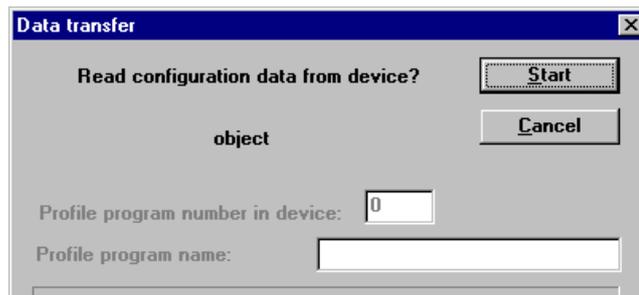
Create new profile program source



- * Save with *OK*

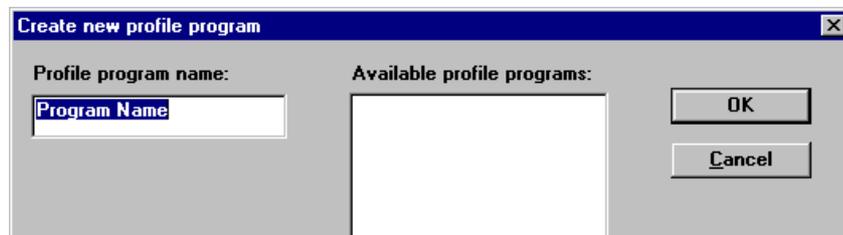
Read in configuration data

- * Execute *Profile program source* → *Load configuration data*
The "data transfer" window opens and the configuration data are read, so that EdiProg can recognise the process steps which are already available.



- * Click on "Start"
- * Execute *Profile program* → *New* (program name is marked)

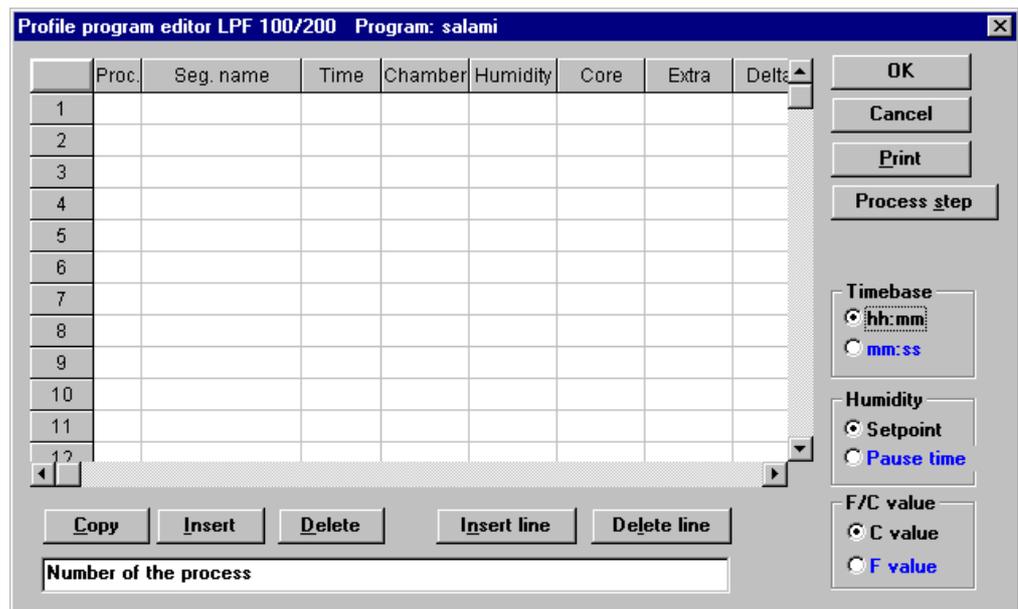
New program



- * Enter program name (salami, test etc.)
- * Save with *OK*

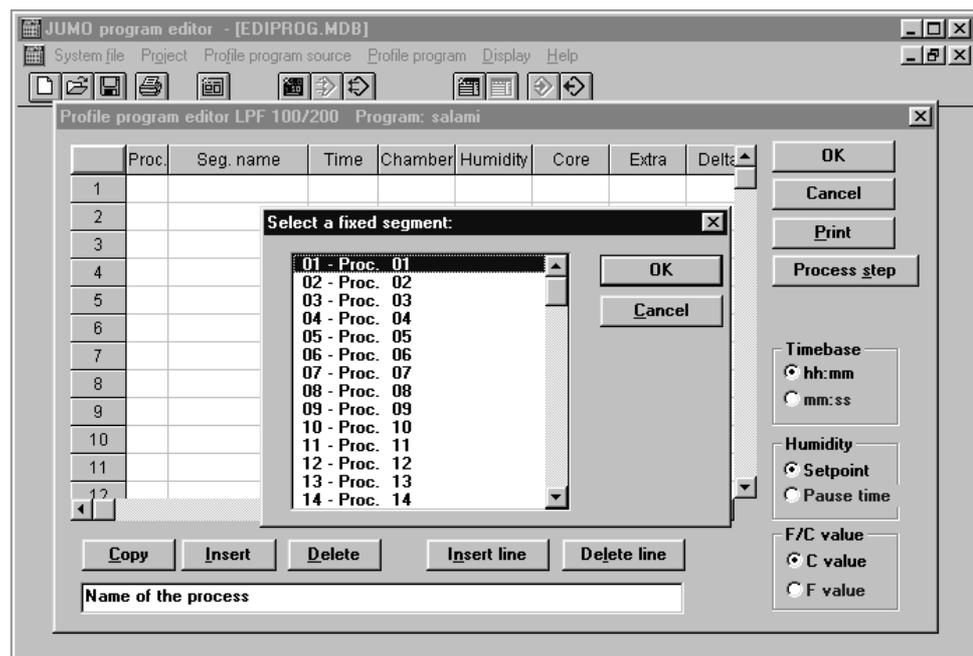
3 Project planning example

The profile is entered in tabular form. Each line corresponds to the individual segments to be programmed. The segment number appears in numerical order on the left side of the screen.



Select process steps

- * Click on “Process steps”
- * Confirm with OK
The process step is entered in the table



The operating outputs defined in the process steps are protected by a password against alteration.

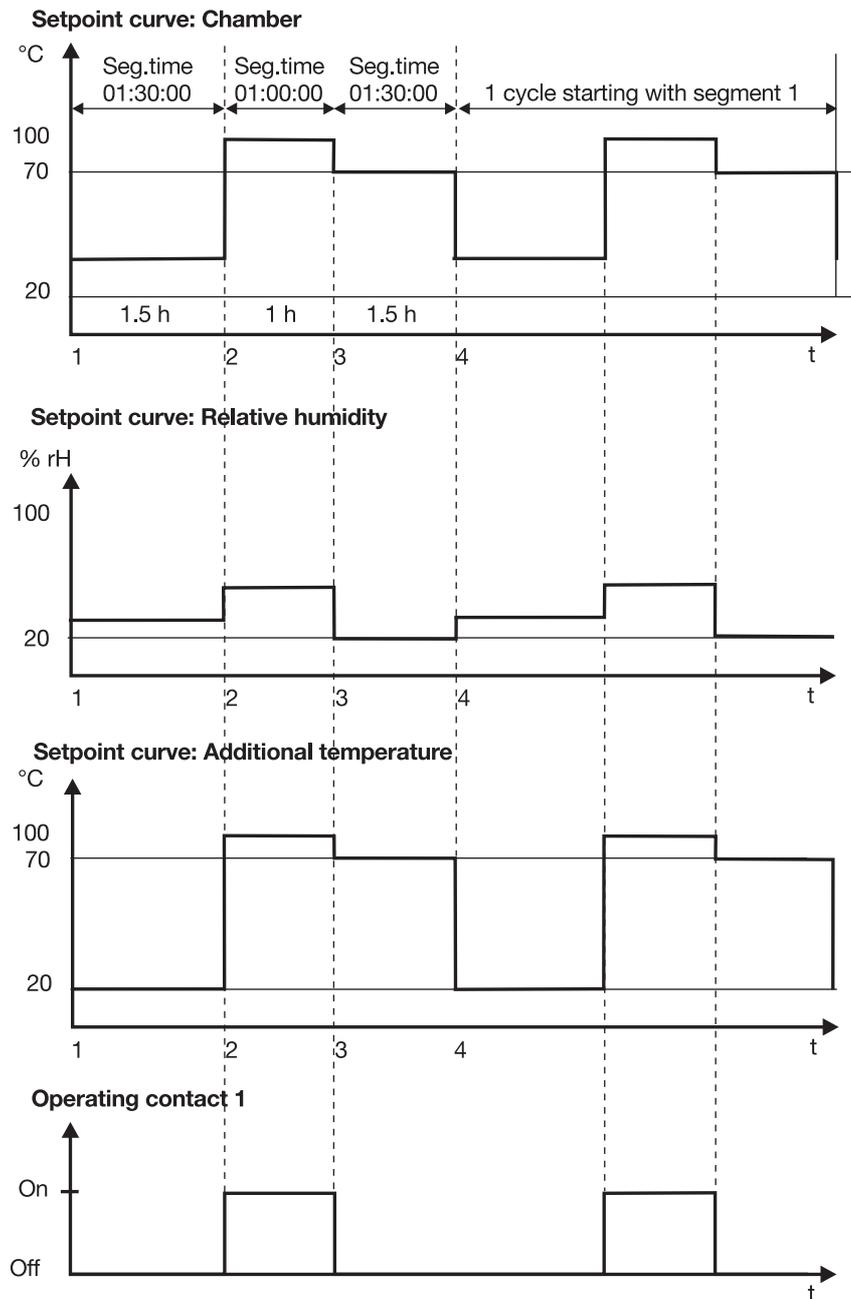
Set operating functions

- * In the “Operating functions” window, set function 01 by clicking with the mouse (password is required)

3 Project planning example

The profile below shows the entry in the program dialog.

Example



Repeat cycles

If specific program segments are to be repeated, the target segment "Target seg." and the number of repeats are entered under "Cycles".

3 Project planning example

The profile program can be printed out via "Print".

	Proc.	Seg. name	Time	Chamber	Humidity	Core	Extra	Delta
1	01	Proc. 01	01:03	40	30		20	
2	03	Proc. 03	01:00	100	50		100	
3	05	Proc. 05	01:30	70	20		70	
4	07	Proc. 07	00:01	40	20		20	
5								
6								
7								
8								
9								
10								
11								
12								

Callouts and their descriptions:

- Delta cooking
- Additional setpoint
- Core
- Humidity
- Chamber
- Segment time
- Segment name
- OK
- Cancel
- Print
- Process step
- Timebase: hh:mm, mm:ss
- Humidity: Setpoint, Pause time
- F/C value: C value, F value
- Copy
- Insert
- Delete
- Insert line
- Delete line
- Name of the process
- delete line
- insert line
- delete marked fields
- insert contents of clipboard at the position marked by the cursor
- copy marked fields to the clipboard
- Further functions such as F/C-value, target segment, cycles, operating functions
- Segment number

Timebase, humidity, F/C-value

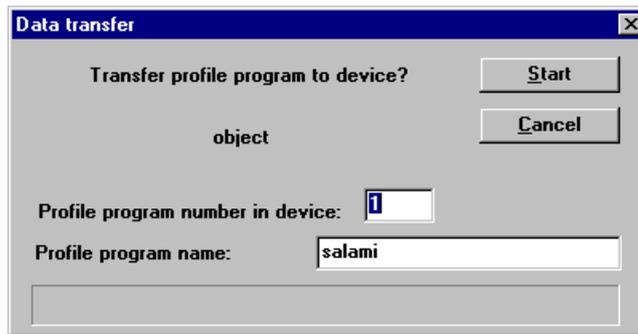
If changes are made to these settings, then the setpoints are shown in a different colour.

* Save the profile with *OK*

3 Project planning example

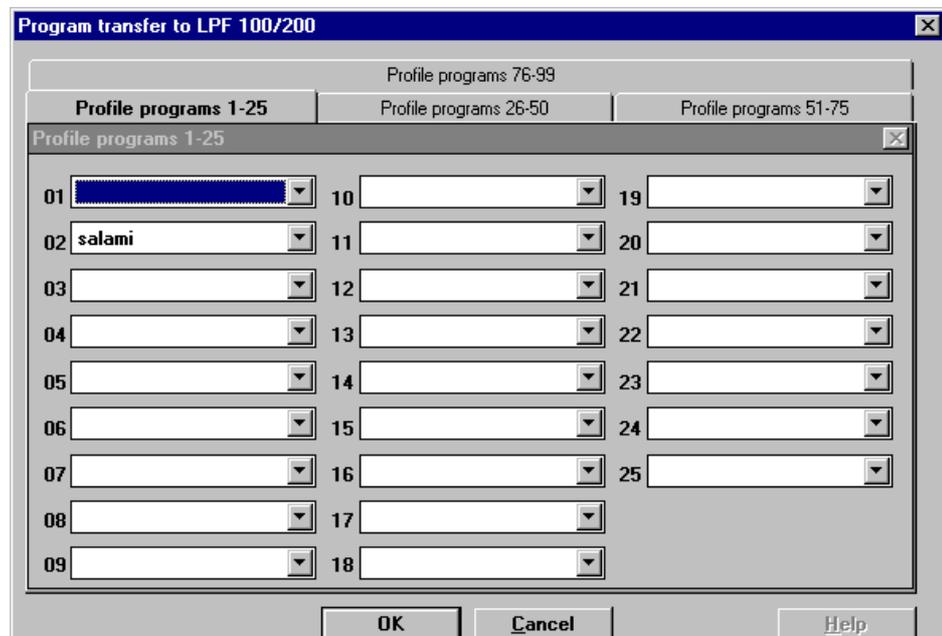
Transfer one
EdiProg
program

- * Execute *Profile Program* → *Transfer* → *to device*



Transfer several
EdiProg
programs

- * Click on “Profile program source” in the basic display
- * Execute *Profile program source* → *Transfer* → *to device*



- * Select programs required
- * Start transfer with *OK*
(the bar indicates the percentage of the program that has already been transferred)

3 Project planning example

3.8.2 JUMO PRF-100

When working with EdiProg, “fixed segments” can be entered in the PRF-100. These fixed segments have special names, such as drying, baking, spraying etc.

This makes it very much easier for the operator to enter the program, since he can work with the designations that are usual in his industry.

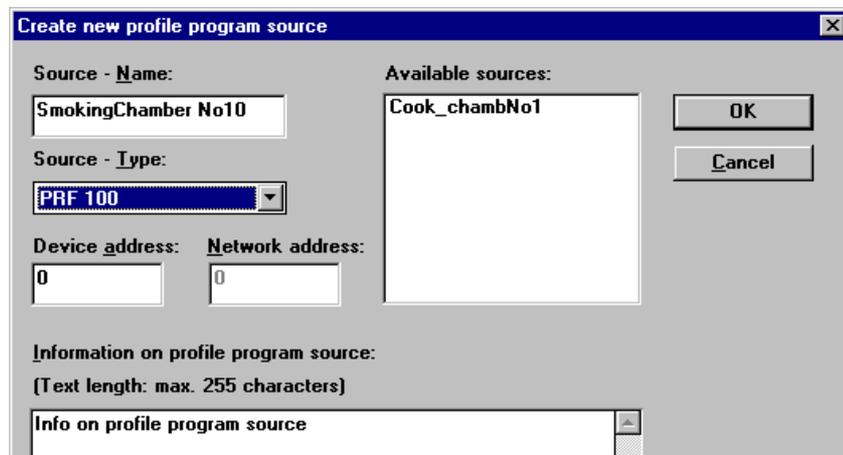
Afterwards, the user can enter his programs and give them program names, such as salami, gammon, and so on.

The program names and the designations for “fixed segments” are also shown in the graphical display of the PRF-100.

The operating outputs in the process steps can only be changed by using a password, so that only certain people can alter important system functions provided by the equipment manufacturer.

- * Create program source LPF-100/200 or click on it if LPF-100/200 has already been entered in the standard display “Profile program source of project”.

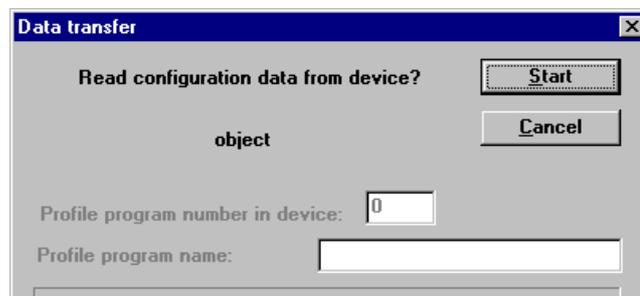
Create new profile program source



- * Save with *OK*

Read in configuration data

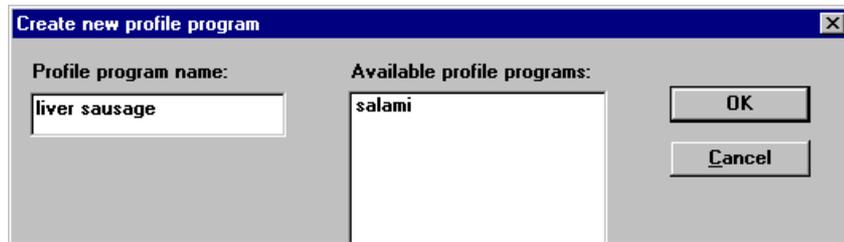
- * Execute *Profile program source* → *Load configuration data*
The “data transfer” window opens and the configuration data are read so that EdiProg can, for example, recognise “fixed segments” which already exist.



- * Click on “Start”
- * Execute *Profile program* → *New* (program name is marked)

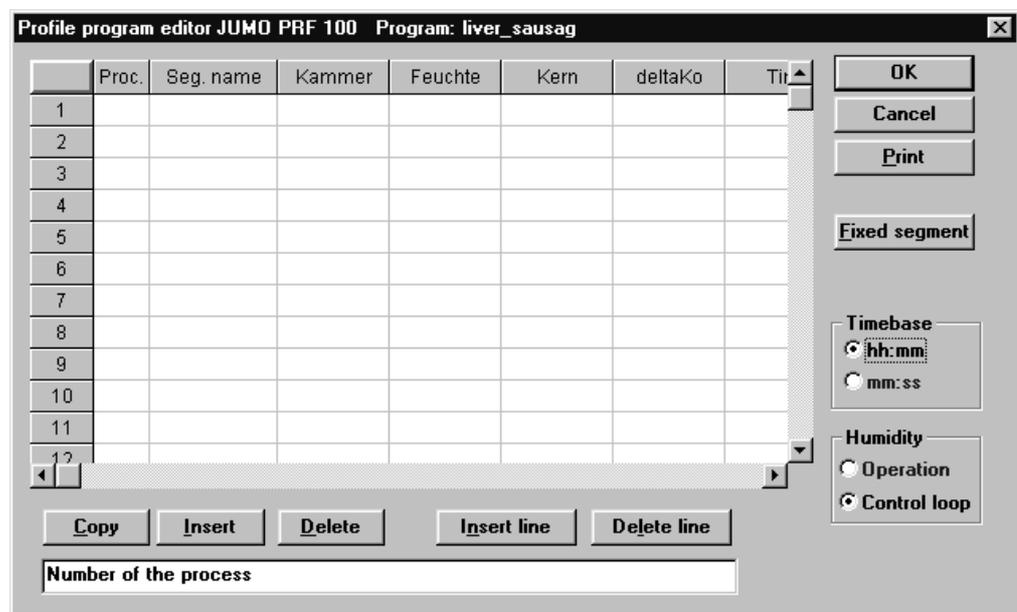
3 Project planning example

New profile program



- * Enter program name (liver sausage, salami etc.)
- * Save with *OK*

The profile is entered in tabular form. Each line corresponds to the individual segments to be programmed. The segment number appears in numerical order on the left side of the screen.



Select fixed segments

- * Click on "Fixed segments"
- * Confirm with *OK*
The fixed segment is entered in the table.

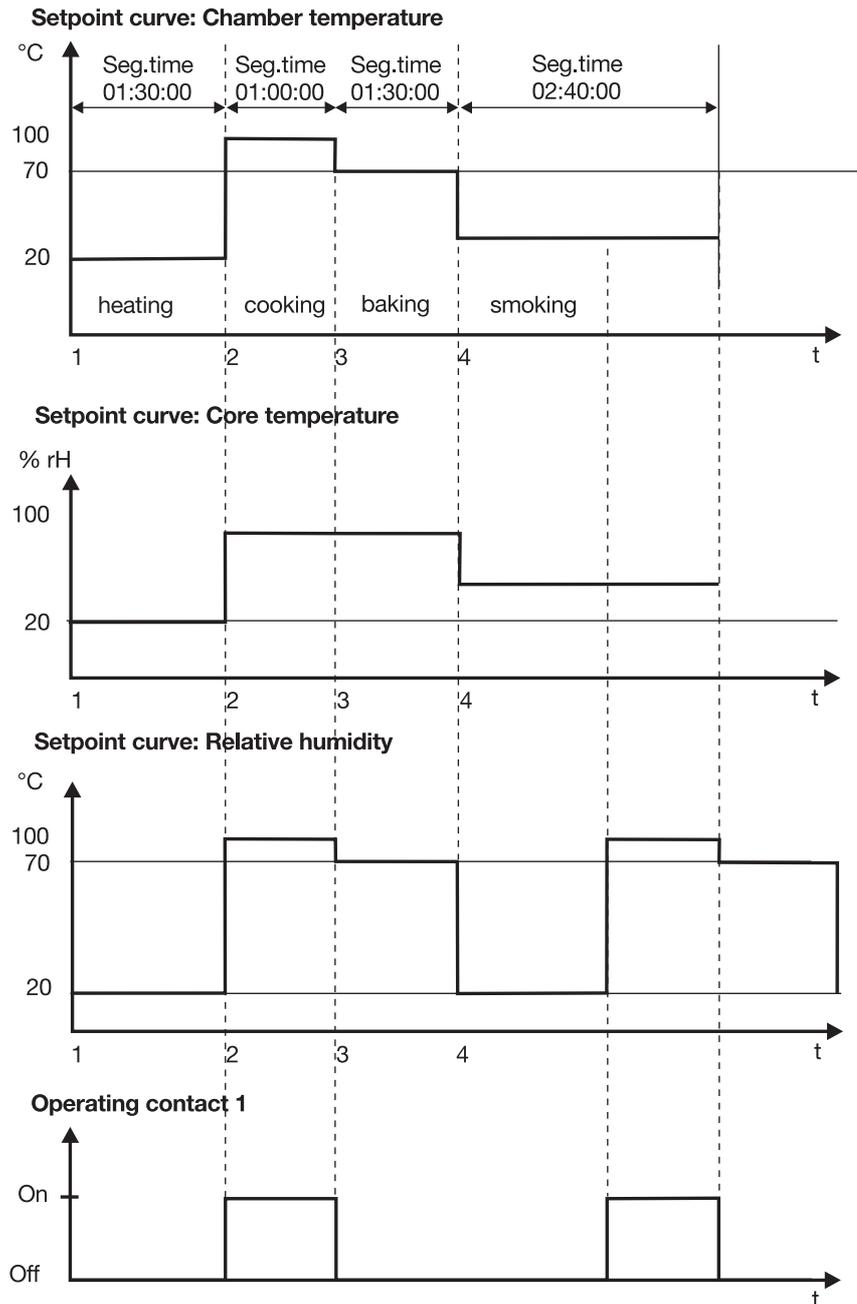
The operating outputs defined in the "Fixed segments" are protected against alterations by a password.

⇒ Operating Instructions B 75.3101.2 System hardware for PRF-100 Process Control System

3 Project planning example

The profile below shows the entry in the program dialog:

Example



Repeat cycles

If specific program segments are to be repeated, the target segment "Target seg." and the number of repeats are entered under "Cycles".

3 Project planning example

The profile program can be printed out via "Print".

Labels pointing to the software interface:

- Segment name
- Chamber setpoint
- Humidity setpoint
- Core setpoint
- Delta cooking setpoint
- Segment time
- Segment number
- delete line
- insert line
- delete marked fields
- insert contents of clipboard at the position marked by the cursor
- copy marked fields to the clipboard
- Further functions such as time, setpoint3, setpoint4

Seg. name	Kammer	Feuchte	Kern	deltaKo	Time
1 Grundstell.	50	20	20		01:30:00
2 Grundstell.	70	20	50		01:00:00
3 Grundstell.	100	90			01:30:00
4					
5					
6					
7					
8					
9					
10					
11					
12					

Timebase, humidity

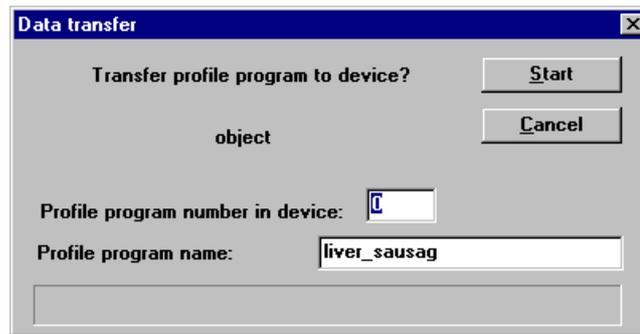
If changes are made to these settings, the setpoints are shown in a different colour.

* Save the profile with *OK*

3 Project planning example

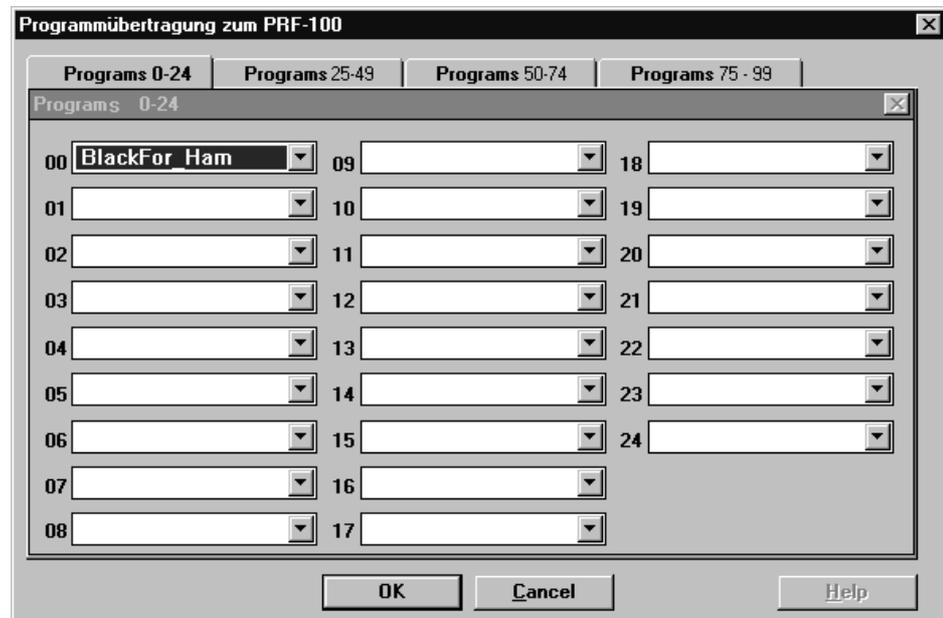
Transfer one
EdiProg
program

- * Execute *Profile program* → *Transfer* → *to device*



Transfer several
EdiProg
programs

- * Click on “Profile program source” in the basic display
- * Execute *Profile program source* → *Transfer* → *to device*

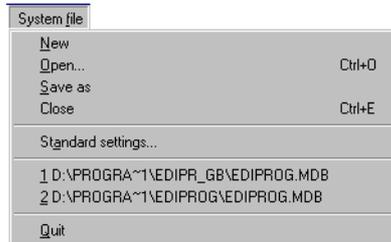


- * Select programs required
- * Start transfer with *OK*
(the bar indicates the percentage of the program that has already been transferred)

4 Profile Program Editor EdiProg

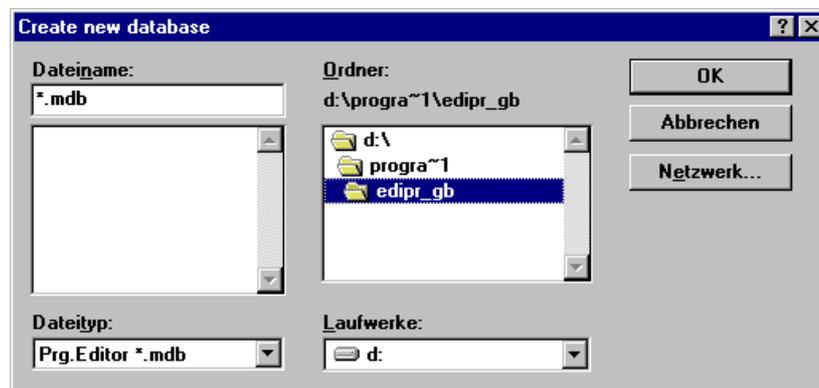
4.1 System file

Overview



4.1.1 New

A database name which is appropriate for the application is assigned here. The program automatically suggests "ediprogram.mdb".



4.1.2 Open

If a database already exists, it can be opened by activating the button.



4 Profile Program Editor EdiProg

4.1.3 Save as

The menu item *System file* → *Save as* can be used to assign a different name.



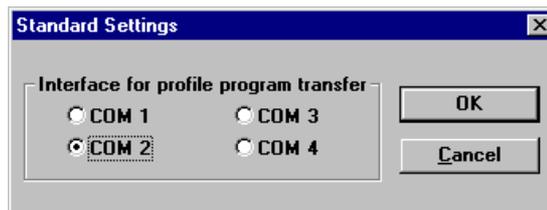
4.1.4 Close

This command saves and closes the system file. A different system file can be opened.

4.1.5 Standard settings

Interface

The COM interface is selected here, from which EdiProg transfers the programs to or from the device.



4.1.6 Quit

Closes EdiProg and returns to the operating system.

4 Profile Program Editor EdiProg

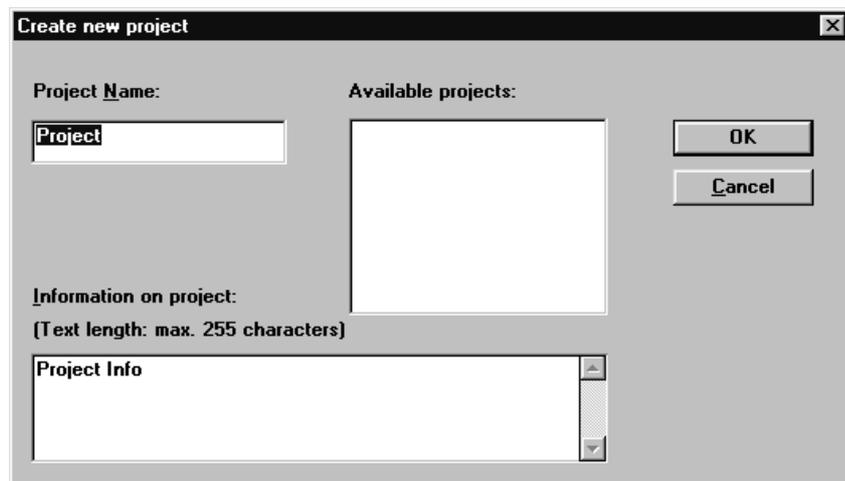
4.2 Project

Overview



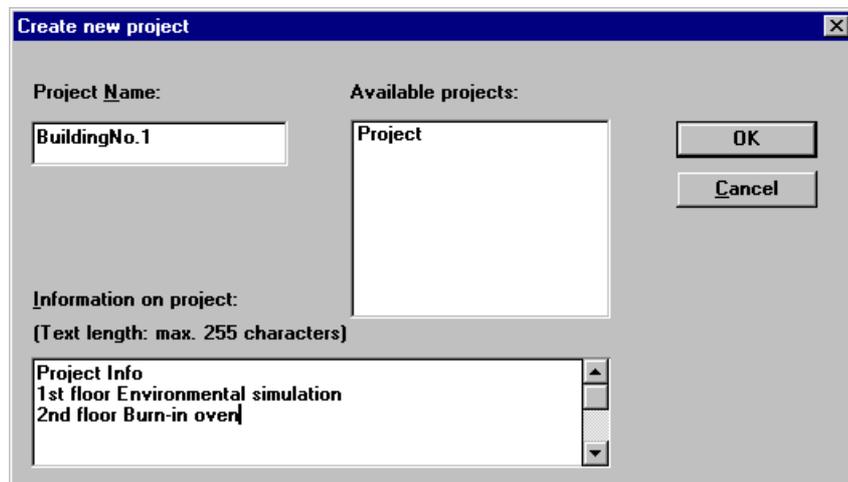
4.2.1 New

The entire system file is divided into different projects. In the example below, a division into different buildings is made (click on the selector field).



- * Enter project name

An info text with up to 255 characters can be entered for each project. If the program is to be processed later on, it can be easily recovered. For example, information could be given here on which chambers can be found in the building.



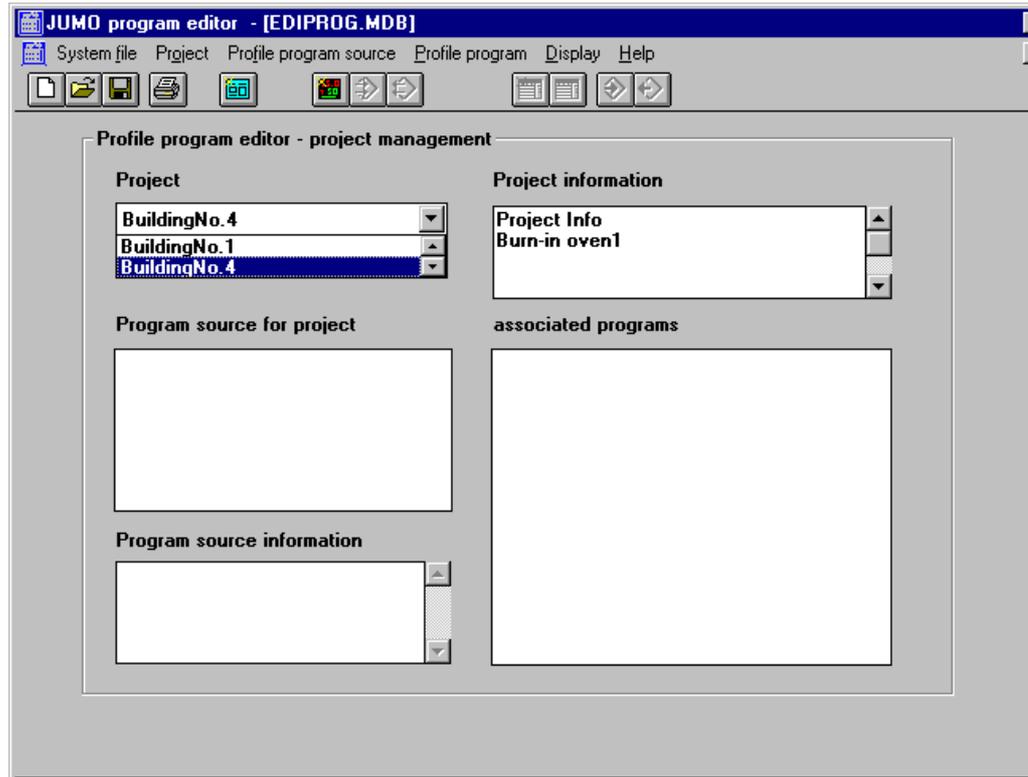
- * Confirm with OK
- * Enter next project

4 Profile Program Editor EdiProg

After all projects have been created, the corresponding program sources (in this example: DICON 1001) can be assigned. For this purpose, the appropriate project name is selected in the “Profile program editor - project management” template.

Example

- * Select project “Building No.1” with a click on the selector field.



4.2.2 Edit

If a system file is open, this function can be used to alter the project name or the project info if changes occur within a building, as in the example.

4.2.3 Save as

The project can be stored under a different project name. This is appropriate when several buildings are arranged in a similar way, as in the example.

The data are simply stored under a different name and the differences with respect to the original building re-entered.

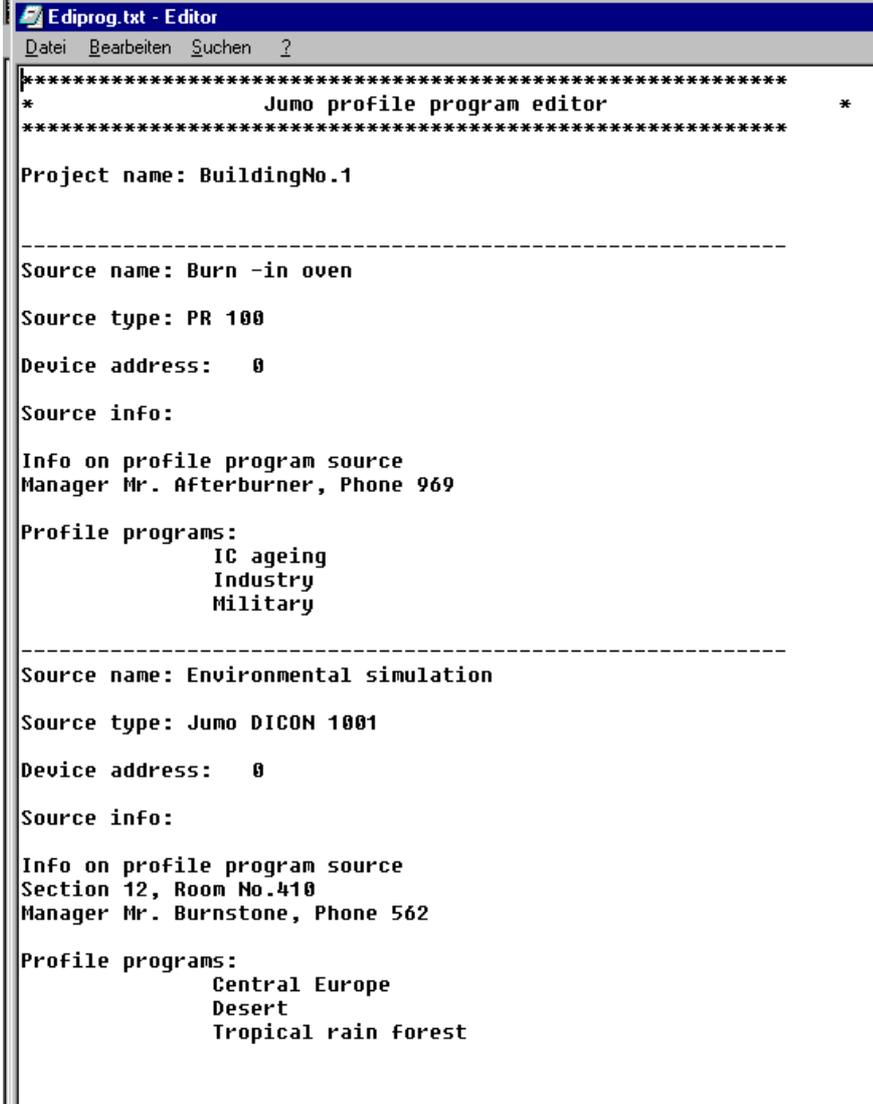
4.2.4 Delete

The selected project, including all program sources, is deleted without query.

4 Profile Program Editor EdiProg

4.2.5 Print

A text editor opens and indicates all sources, the source info text, as well as all programs belonging to stored project. It is subsequently possible to make a print-out.



```
Ediprog.txt - Editor
Datei Bearbeiten Suchen ?

*****
*           Jumo profile program editor           *
*****

Project name: BuildingNo.1

-----

Source name: Burn -in oven

Source type: PR 100

Device address:  0

Source info:

Info on profile program source
Manager Mr. Afterburner, Phone 969

Profile programs:
          IC ageing
          Industry
          Military

-----

Source name: Environmental simulation

Source type: Jumo DICON 1001

Device address:  0

Source info:

Info on profile program source
Section 12, Room No.410
Manager Mr. Burnstone, Phone 562

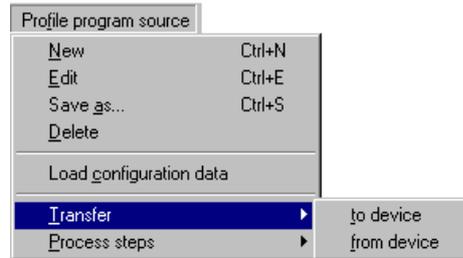
Profile programs:
          Central Europe
          Desert
          Tropical rain forest
```

4 Profile Program Editor EdiProg

4.3 Profile program source

The term “Profile program source” indicates a JUMO profile instrument to be selected in the next screen template.

Overview



4.3.1 New



* Select *Profile program source* → *New*

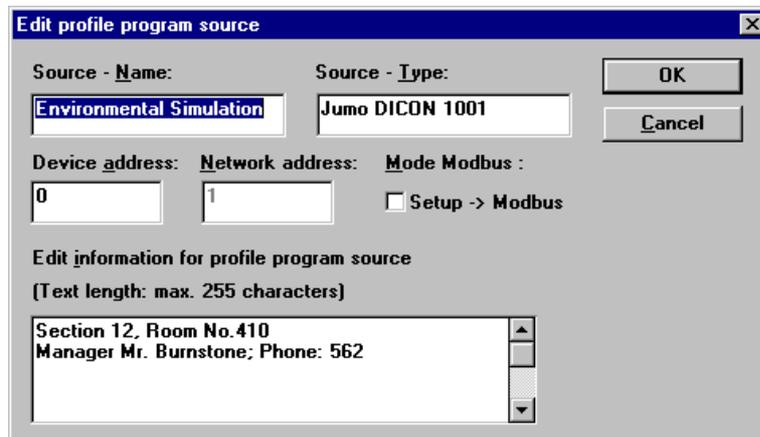
A dialog appears which determines the program source used.

An info text with up to 255 characters can be entered for each program source. If the program is to be processed later on, it can be easily recovered. Information on the process can be given here, for example.

* Confirm with *OK*

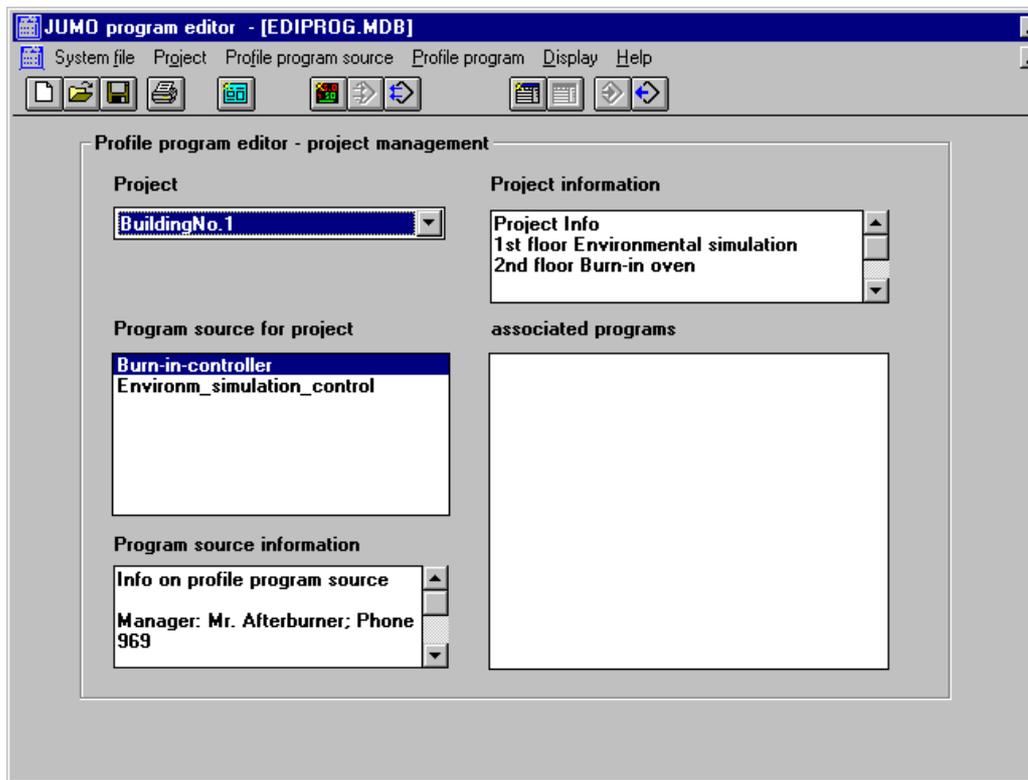
4 Profile Program Editor EdiProg

Example



After all program sources have been entered in this project, program creation can commence. To this end, the required program source (simulation of environment) is selected within the program editor project management.

- * Program source “Simulation of environment” can be selected by clicking on the selector field:



4.3.2 Edit

When the system file is open, this function can be used to alter the program sources, or the program source information, if, as in the example, changes occur within a process.

4 Profile Program Editor EdiProg

4.3.3 Save as

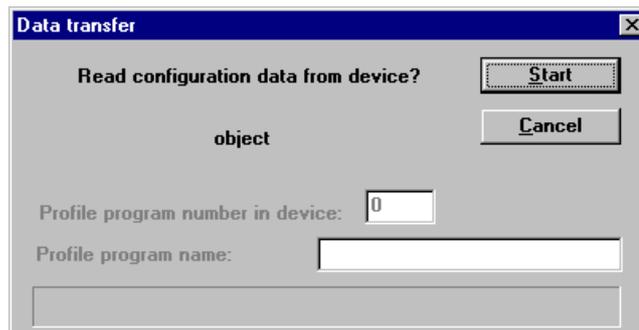
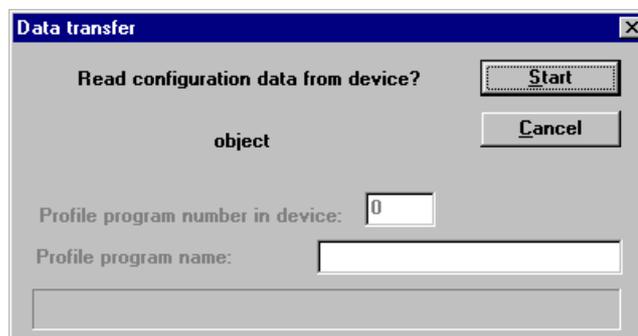
The program source can be saved under a different name. This is appropriate when the system is being expanded and several program sources are using the same programs.

4.3.4 Delete

The selected program source is deleted without query, together with all programs.

4.3.5 Load configuration data

It may have been necessary to adjust certain controller settings in the instrument, such as controller parameters, and alter them with respect to the factory setting. Before starting to write programs, EdiProg first has to recognise all parameters from the unit in order to subsequently transfer them to the unit, together with the programs. This is the case with profiles, which must not exceed the range limits for the transducer.

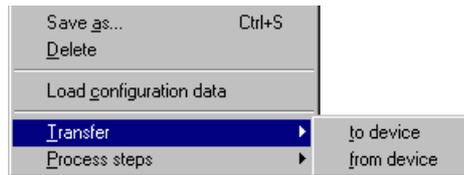


4 Profile Program Editor EdiProg

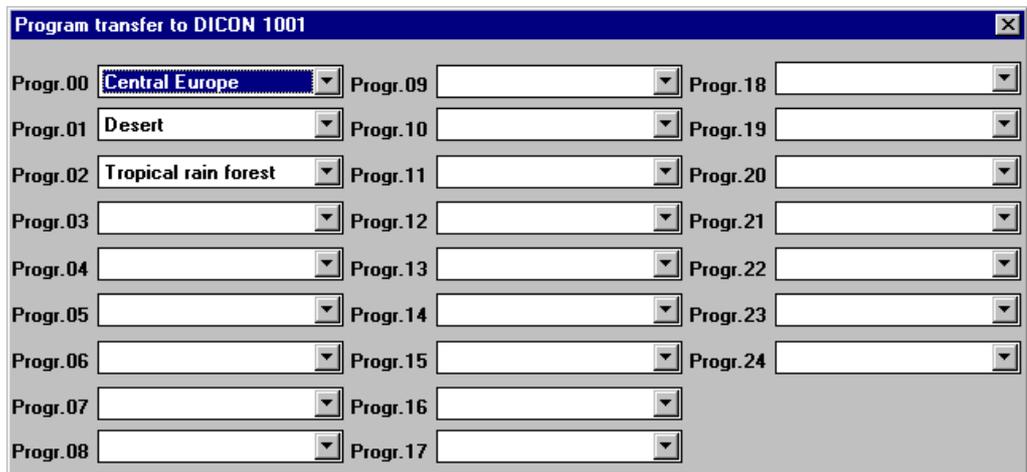
4.3.6 Transfer

Management

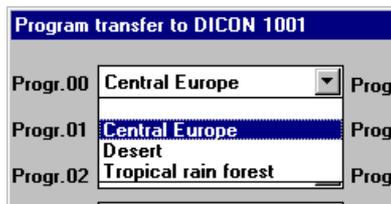
Using EdiProg, more programs can be managed than can be stored in program sources.



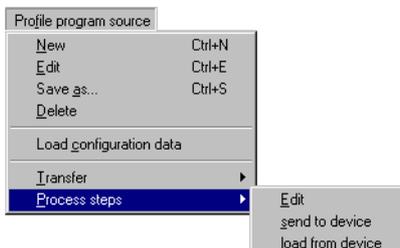
Program assignment



A click on the pull-down menu opens the list of all programs which have been entered for the program source. In this way, programs are assigned to their numbers in the unit.



4.3.7 Process steps

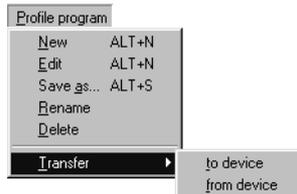


These functions can only be executed on program sources with process steps.

4 Profile Program Editor EdiProg

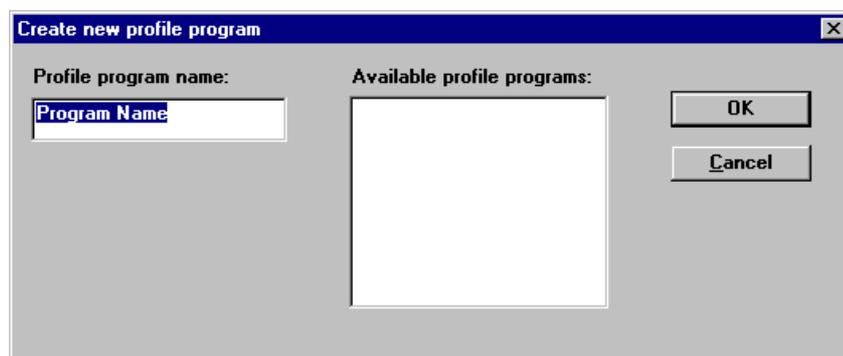
4.4 Profile program

Overview



- * Click on *Profile program* → *New* in the toolbar

4.4.1 New



- * Enter profile program name (central Europe, tropical rain forest)

4.4.2 Edit

The program selected in the basic display is opened and can be altered freely.

4.4.3 Save as

An existing program can be saved under a different name. This may be helpful when only a new setpoint profile has to be programmed, but operating functions or process steps are to remain unchanged.

4.4.4 Rename

This function assigns a different name to the program.

4.4.5 Delete

The program is deleted without query and does not appear in the list in the basic display.

4 Profile Program Editor EdiProg

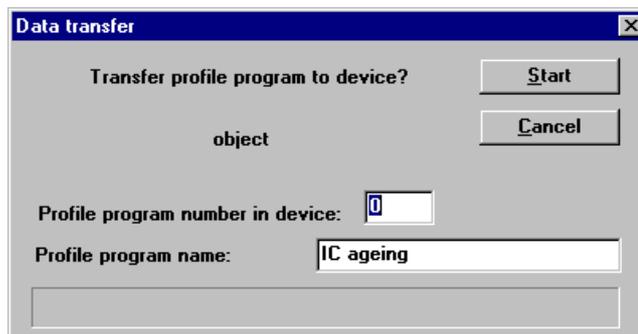
4.4.6 Transfer

Here, only the program that has just been selected in the project management can be sent to the instrument, or read out of the instrument, via the main menu item *Profile program* → *Transfer*. As soon as this menu item is called up, the program no. of the unit that is required for the transfer has to be specified in a subsequent dialog, since the names assigned in the program editor are not transferred to the unit.

The programs selected by the user can be transferred via the main menu item *Profile source* → *Transfer*.

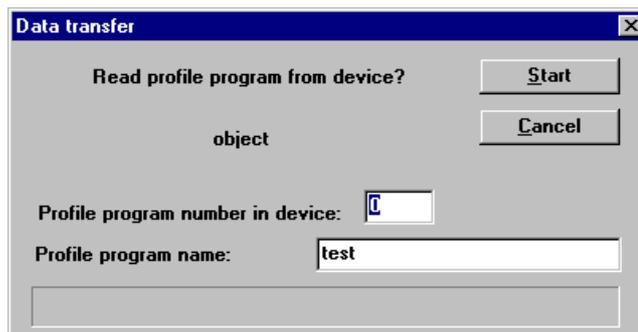
Send to JUMO instrument

Profile program → *Transfer* → *to device*



Read from JUMO instrument

Profile program → *Transfer* → *from device*



* Save the profile with *OK*

4 Profile Program Editor EdiProg

5 What to do if...

What's wrong?	Remedy	Info
No data connection	<ul style="list-style-type: none"> * Check <i>Standard settings</i> → <i>Interface</i> * Check connection cables and interface to establish whether the connectors have been fitted correctly. 	<ul style="list-style-type: none"> ⇒ Section 4.1.5 “Standard settings” ⇒ Section 4.3.1 “New” ⇒ Section 4.3.2 “Edit”
Password blocks the path to the programming of “fixed segments” (PRF-100) or “process steps” (LPF-100)	<ul style="list-style-type: none"> * Enter the factory-set passwords * Find out from the system manufacturer whether the password has been changed. 	<ul style="list-style-type: none"> ⇒ Standard passwords PRF-100 and PR-100: 2007 LPF-100/200: 9510 Process steps: 2345



M. K. JUCHHEIM GmbH & Co

Street address:

Moltkestraße 13 - 31
36039 Fulda, Germany

Delivery address:

Mackenrodtstraße 14
36039 Fulda, Germany

Postal address:

36035 Fulda, Germany

Phone: +49 (0) 661 60 03-0

Fax: +49 (0) 661 60 03-5 00

E-Mail: mail@jumo.net

Internet: www.jumo.de

JUMO Instrument Co. Ltd.

JUMO House

Temple Bank, Riverway
Harlow, Essex CM20 2TT, UK

Phone: +44 (0) 1279 63 55 33

Fax: +44 (0) 1279 63 52 62

E-Mail: info@jumoinstruments.fsnet.co.uk

JUMO PROCESS CONTROL INC.

735 Fox Chase,

Coatesville, PA 19320, USA

Phone: 610-380-8002

1-800-554-JUMO

Fax: 610-380-8009

E-Mail: info@JumoUSA.com

Internet: www.JumoUSA.com