

# User's Guide



## Control Panel



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# Part 0: General information

## This guide

This guide applies to the control panel with finger touch display and is meant for daily users.



**Always read the *Safety Instruction Manual part No 21741* before working with the processor.**

## Reservations

- This guide was written and illustrated using the best possible information available at the time of publication.
- Any differences between this guide and the equipment reflect improvements introduced after the publication of the guide.
- Changes, technical inaccuracies and typographic errors will be corrected in subsequent editions.
- As a part of our policy of continuous improvement, we reserve the right to alter design and specifications without further notice.

## Notes, Cautions, and Warnings !

Throughout the guide notes, cautions, and warnings are written in bold like the example below:



**Press the help button for information.**

Symbol	Meaning	Explanation
	Note	The operator should observe and/or act according to the information in order to obtain the best possible function of the equipment.
	Caution	The operator must observe and/or act according to the information in order to avoid any mechanical or electrical damage to the equipment.
	Warning	The operator must observe and/or act according to the information in order to avoid any personnel injury.

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## Table of contents

<b>Part 0: General information</b> . . . . .	<b>0.2</b>
This guide . . . . .	0.2
Reservations . . . . .	0.2
Notes, Cautions, and Warnings ! . . . . .	0.2
<b>Part 1: Introduction</b> . . . . .	<b>1.1</b>
<b>Part 2: Buttons and signals.</b> . . . . .	<b>2.1</b>
Processor overview . . . . .	2.1
Button appearance . . . . .	2.1
Section buttons . . . . .	2.1
Plate feed indicator. . . . .	2.2
Control Panel top lamp . . . . .	2.2
Alarm list . . . . .	2.3
Status colors . . . . .	2.3
Help function . . . . .	2.4
Data . . . . .	2.4
Tools . . . . .	2.4
Switch to sleep mode . . . . .	2.5
Program buttons . . . . .	2.5
<b>Part 3: Getting started</b> . . . . .	<b>3.1</b>
Plate sizes . . . . .	3.1
Parallel plates . . . . .	3.1
How to change settings . . . . .	3.1
<b>Part 4: Operating instructions</b> . . . . .	<b>4.1</b>
Processing . . . . .	4.1
Resetting counters . . . . .	4.1
<b>Appendix: A</b> . . . . .	<b>A.1</b>
Icons . . . . .	A.1



# Part 1: Introduction



Example of the control panel for a four-section processor.

The control panel is a finger touch display with a graphic illustration of the processor itself. Buttons represent each processor section and icons are used for identifying sections, menus, and status information given to the operator.

As most information and instructions are available from the control panel's internal help system and dedicated to each individual display view, this guide is limited to give a general description of navigation, operation, and a few settings.

See also the Quick Intro guide.

**i** Please note that most information regarding instructions, alarms, and different functions, etc. is given on the control panel itself. Press **?** for information in any control panel view or menu.

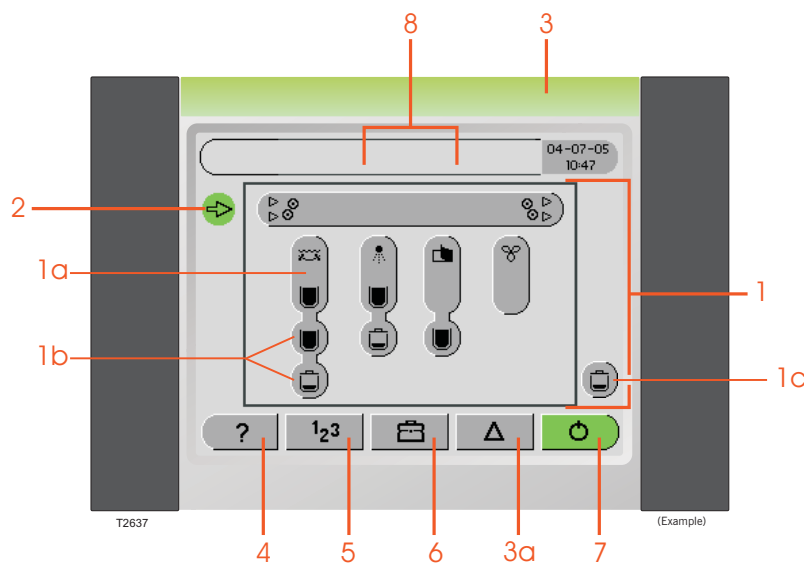




# Part 2: Buttons and signals

## Processor overview

The Processor Overview is a symbolic illustration of the actual processor with buttons representing each processor main section [1], and when pressed activating a menu related to each section/button. The number of section keys and related sub menus will vary depending on processor model and configuration.





Example of the Processor Overview for a four-section processor.

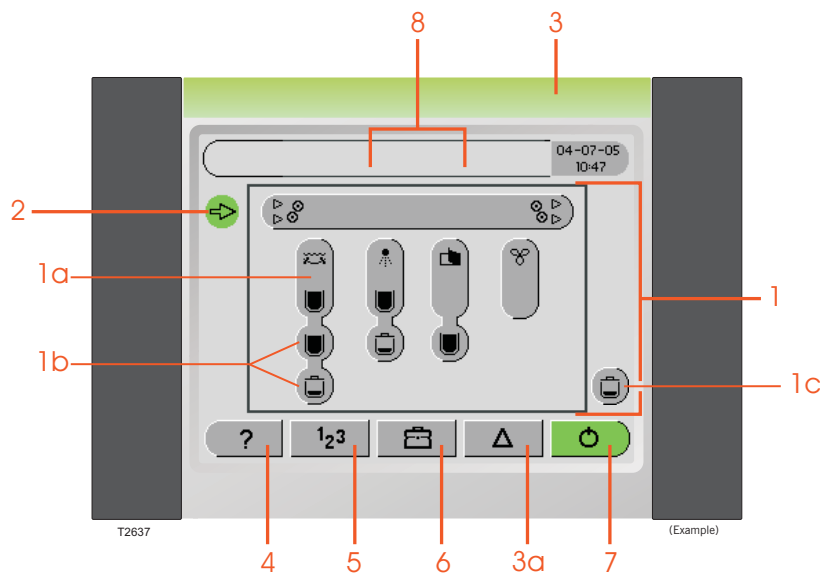
## Button appearance

When navigating through the menus some buttons will be slightly down faded. This is an indication of menus/buttons not being accessible with the present access level. For further information of display and button appearance and behavior press the **?** button [4] from the processor overview view and follow the link for "buttons".

**i** The control panel may be positioned on either the left or right side of the processor. The processor overview has the ability to show section layout presented from the left to right or opposite. To be set during installation by a service technician.

## [1a] Section buttons

- The buttons represent sections in the processor. Each has a reference icon, e.g.  for dryer section.
- Section buttons show fluid level, e.g.  in tanks and containers. Containers will be displayed only if the software has been configured with level



Example of the Processor Overview for a four-section processor.

sensors for these containers [1b].

Waste containers will for some installations be a single container only, connected to two or more sections. In these cases the waste icon/button will be displayed as a separate button as shown [1c].

- Section data, tools, and settings can be accessed by pressing the section buttons.

## [2] Plate feed indicator

The  indicates that the processor is ready for processing. When not ready the icon changes to .



Never enter plates when the  icon is shown.

## [3] Control Panel top lamp

The control panel is equipped with a top lamp for indication of processor status.

Signals from the lamp may be:

Green light: When **lit green**, indicating that the processor is ready for processing.



When **slowly flashing green**, indicating that processor is not ready but attempting to correct the situation (see description opposite of the status color "yellow").

When **fast flashing green**, indicating that processor is ready but user action is required.

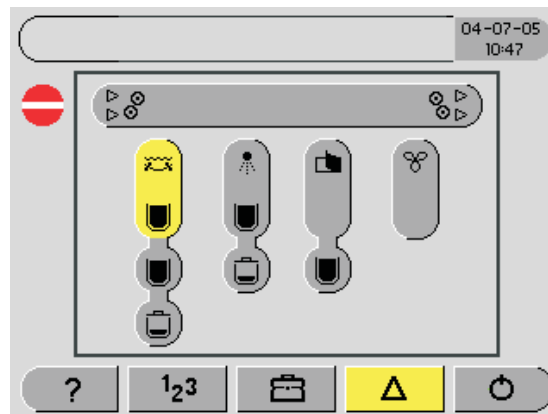
Red light: Indicating that the processor requires user assistance.

Off: Processor is either powered off, in sleep mode or preparing itself.

### [3a] Alarm list









A number of alarms and status messages can occur. The  button will change color according to the situation. See description of status colors below. Press  for displaying messages and alarms.

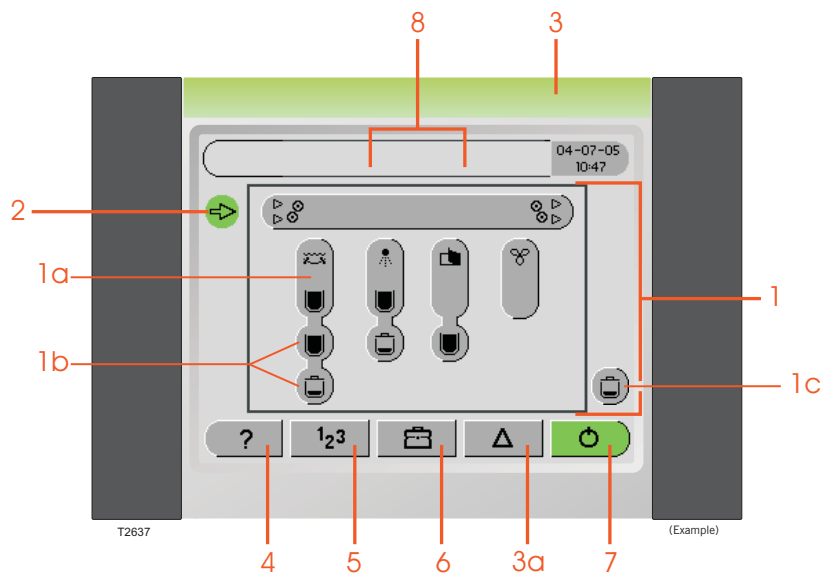
Some alarms and status messages are also indicated with colors on the section affected by the situation like in the example below.



(Example)

### Status colors

Color	Description
	<p>= <b>Alarm</b></p> <p>Red indicates that the component requires user assistance to fix the situation. Press the  button to get an exact description of the situation.</p> <p>Red will be shown on the alarm button, on buttons for all affected sections, and on the control panel top lamp. The  will in these cases change to .</p> <p><b>Red color will always be first priority.</b></p>
	<p>= <b>Note</b></p> <p>Yellow indicates that the component is not ready but is attempting to correct the situation automatically. Press the  button to get an exact description of the situation.</p> <p>Yellow will be shown on the alarm button and on all affected section buttons.</p>
	<p>= <b>Ready</b></p> <p>Green indicates that the processor is ready for processing. Green will be shown on the feed indicator icon, on the on/off button, and on the control panel top lamp.</p>
	<p>= <b>No messages or alarms</b></p> <p>Grey is used for buttons not affected by messages or alarms.</p>



Example of the Processor Overview for a four-section processor.

#### [4] Help function

When pressing the **?** button a help view related to the current view will be shown.

A help view may also contain links to other related help views. Use the **↩** button to return to the Processor Overview or the **🏠** button to jump to the Help index view. The help index view will give a short presentation of the processor overview.

When following links through the help views use the left and right scroll buttons e.g. **▶** in the title bar to navigate back and forth in the help views.

#### [5] Data

**123** is information related to the processor itself and to actual processing.

- **Statistics:**  
Cover information of counters and events. E.g. counters for plate chemistry lifetime etc.
- **Settings:**  
Contain information like programs, plate sizes, replenishment/buffer (depending on model), etc. for individual site usage and preferences.

#### [6] Tools

**🛠** are functions that can be manually activated.

- **Manual tasks:**  
Include functions for resetting of counters for fluids, filters, brushes etc. and manual replenish/buffer (depending on model).
- **Cleaning tasks:**  
Various manual procedures used in connection with cleaning (water-based) and activation of rewash function (some models only).





- **Eject plate:**  
For removal of a plate left in the processor.
- **Turn Roller** (*some models only*):  
For easy dismounting of rollers for cleaning purposes etc.

## [7] Switch to sleep mode

Button for switching between ready mode and sleep mode (= power save).



**Press the button for 1 sec. to activate sleep mode.**

When pressing any other buttons and entering a submenu the icon  will change to a return icon . When navigating through menus press the  button to return to previous views. Pressing  for more than one second will make the display return directly to the processor overview.

## [8] Program buttons

Program buttons e.g. **P1** will appear in the title bar if more than 1 program has been defined. When visible, pressing a program button will give the possibility of changing program. Active program is indicated with dark grey button color.



# Part 3: Getting started

## Plate sizes

Before processing for the first time, values for plate sizes need to be stored in the software.

- It is possible to enter 12 different sizes for plates.
- Settings are made in "123 -> Settings -> Plate sizes".
- Length, width, and parallel plate selection are entered separately.



**Please note that plate length is understood as processing direction.**

When processing plates the software will use measured plate length to identify which plate size has been used and thus calculate replenishment/buffer etc. according to the defined plate size.



**It's important to define the plate sizes correctly with regard to actual plate measurements and setting for parallel plate processing.**

It may be necessary to define two similar plate sizes with different settings for parallel plate, one for parallel plate processing and one for single plate processing. (See also "Parallel plates" below.)

## Parallel plates

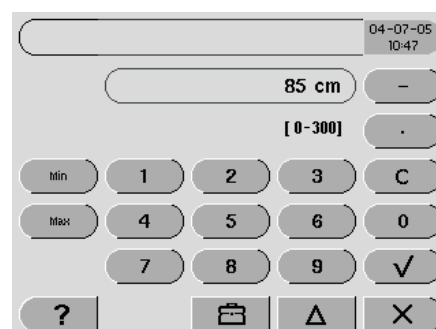
Some image setters send plates into the processor two at a time, also called "parallel plates". The "Parallel plates" parameter in the "Programs" menu defines whether the feature is enabled. If enabled the two input and output sensors are treated independently.





When parallel plates parameter is enabled the size of the processed plates must match one of the plate sizes defined for parallel plate processing. (See also description of "Plate sizes" above.)

## How to change settings

Example:

- Press the button for the parameter to change settings for.
- The display shows a numeric keypad with an indication of the values allowed for the parameter in question.












- Press in the new value on the keypad and press  to confirm and return to the former display. (To return without saving any changes press .)
- Enter a new parameter or press  to return to the former display view or hold down  for more than one second to return to the processor overview.

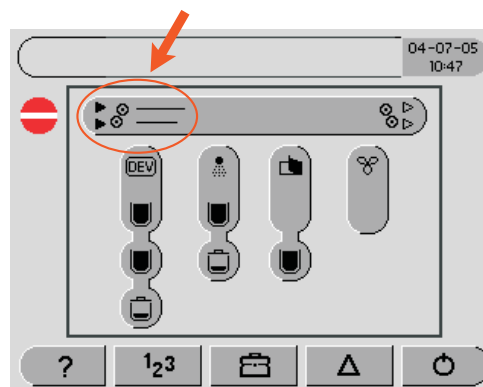


# Part 4: Operating instructions

## Processing

**i** Please also refer to the Plate Processors User's Manual.

- The processor must be in ready mode (processor overview with plate feed icon ).
- When plates are entered, either manually (offline) or automatically (online), the activated input sensors are indicated by symbols changing from  to  and the plates are indicated with plate symbols  moving across the transport section button. See illustration below.  
(The plate feed icon  will change to a stop icon  if the processor is configured for ready delay).
- When the input sensors are released the symbols will return to .
- When the input sensors are released (or the  icon has changed to the  icon) the processor is ready to receive more plates.



**h** Never enter plates when the  icon is shown.

## Resetting counters

When fluids, filters or brushes have been changed the related counters need to be reset. For some processor configurations a dialog requesting confirmation will be displayed when fluid has been changed. If the processor do not show reset dialogs please make sure to enter these dialogs manually and reset.

**h** Reset of counters is necessary in order to keep statistics data updated and to meet recommended change of fluids, filters and brushes.




Please note that filter and brushes counters dialog must be entered manually.  
Not configurable.

Possible counters that need resetting are:

Fluid / Item changed	Counter menu	Notes
xxx <sup>1</sup> tank content	xxx <sup>1</sup> replaced	
xxx <sup>1</sup> filter	xxx <sup>1</sup> filter replaced	
Brushes	Brush replaced	
Prewash tank content	Prewash water replaced	Not all models
Wash tank content	Wash water replaced	Not all models
xxx <sup>1</sup> solution	xxx <sup>1</sup> replaced	

<sup>1</sup>) Section name listed here as "xxx" refers to control panel text which will vary depending on processing technology (chemical free or traditional developer and gum solution).

Enter the  -> Manual task" and select the "xxxx replaced" menu that corresponds to the fluid or item which has been changed.
























Press the  button for getting a precise description of each counter reset function.













# Appendix: A

## Icons

In the table below are listed the icons used for identifying sections, menus, and status information given to the operator.

More detailed information about icons and what they represent is given in the help function  on the control panel itself.

Feed		Status	
	Ready feed indicator		Sleep mode
	Stop feed indicator		Cover open
			Service mode
Processing programs		Dialog	
	Program icon (1-4)		Confirm
			Cancel
Sections		Containers	
	Transport section		Container/tank full
	 Input/output sensor		Container/tank half empty
	 Plate symbol		Container/tank empty
	Preheat section (not all models)		Waste container full
	Prewash section (not all models)		Waste container empty
	Processing section with chemical free or traditional developer solution		
	Wash section		
	Gum/finisher section		
<i>continues ...</i>			

General menus		Other	
	Dry section		
	Help menu		Sleep mode on / Sleep mode off
	 Home		Restart
	Data menu		Return to previous view
	Tools menu		Refresh
	Alarm list		Scroll (left or right arrow)
			Scroll (up or down arrow)