



# SMOKYTHEK

## **Safety information and user manual for the SMOKYTHEK**

Cigarette dispenser for retailers

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## 1. PRODUCT DESCRIPTION

The SMOKYTHEK is a dispenser of cigarette packs or other products of a similar size and weight. The machine is typically placed at the check-out of supermarket or convenience store. It is not a dispensing machine, because there is no possibility for a customer to pay money into the machine. It must be used under the supervision of store personnel.

The packs are stored in separate columns in the machine.

The customer or the shop-assistant selects a brand by pressing the appropriate button on the selection panel; the brand being shown by a decal. The pack is then ejected from that column and then carried by conveyor belt in a lift up to the shop assistant. The ejection of the pack is registered in the memory of the SMOKYTHEK.

In addition to the selection panel, there is a small handheld-terminal attached to the machine. The shop assistant uses this handheld-terminal principally for logging in with a password and for blocking and releasing the selection-panel. This way, the shop assistant can control access to the cigarettes (e.g. when lane is closed). The handheld-terminal is also used to read out statistics and for some service-functions.

The *STEREO*-SMOKYTHEK differs from the standard SMOKYTHEK in that it has two selection-panels so that cigarette-packs can be selected from either or both sides of the machine. The machine recognizes which panel has been pressed and activates an additional horizontal belt, which carries the pack(s) to the appropriate side. On the handheld-terminal for the *STEREO*-SMOKYTHEK there is a special switch, so that neither, one or other panel can be blocked.

The SMOKYTHEK is available in two sizes, one with 60 selections and a capacity for 1000 packs, the other with 30 selections and a capacity for 500 packs. The machines only differ in their length and in the number of selections on the panel. The electronics, electrical and mechanical components are otherwise identical.

**Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. The equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of the equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.**

## INFORMATION TO USER

Intentional or unintentional changes or modifications not expressly approved by Leggett & Platt could void the retailer's authority to operate the equipment.

## **SPECIAL ACCESSORIES**

Accessory items that can be readily obtained from multiple retail outlets are not considered to be special accessories and are not required to be marketed with the equipment. Following additional components or accessories are required to be used in order to ensure compliance. It is responsibility of the user to provide and use those components and accessories.

[Supply list of any components or accessories required or state NONE ]

## 2. SAFETY AND OPERATING REQUIREMENTS

The SMOKYTHEK is a dispenser for cigarettes or other goods of a similar size and weight!

### Safety warning!

Please take the following points into account when selecting your installation site:

- The unit may *only* be used in closed, dry rooms!
- The unit must *not* be operated outside!
- The unit must *not* be used in an explosive atmosphere!

### Electrical connection: USA

This unit is operated at 220V~ /50 Hz (+ 6% -10% ) mains voltage L, N, PE  
Only connect the machine to *grounded* sockets with the supplied power cord!

### Permitted ambient temperature for operation:

0° C to +45° C /rel. air humidity to 90% (without formation of condensation)

### Installation altitude:

Max. 2000 meters (ca. 6541 feet) above sea level.

### Storage conditions:

-20° C to +70° C /in dry rooms

### Prior to installation and switching on, please check the following:

The nominal line voltage at your installation site must correspond to the specifications on the rating plate of your machine! The machine rating plate is located on the rear wall of the machine.

Please ensure that your electrical connection is equipped with an operational *ground* protection! Have this confirmed for your installation site by an authorized electrician!

Ensure that the machine is standing solid!

### Safety warning!

Improper handling as well as improperly executed repair work may impair the safety functions of the unit and thus, possibly create a life threatening health hazard.

Only appropriately qualified personnel may repair the unit!

Repair work on assembly groups connected to mains power (incl. the power cord) may only be carried out by qualified electricians!

The personnel who fill the machine must be informed about the safe handling of this unit!

### 3. FUNCTION OF THE SMOKYTHEK

The main switch is located behind the right door at the bottom of the cabinet.  
After switching on the machine, the display (handheld-terminal) indicates the software version e.g. P0.86.

First select the desired mode:

**Numeric key "1" = Dispensing mode**  
**Numeric key "0" = Supervisor mode**

To activate the respective mode a **password** must be entered first !  
Four digits for the dispensing mode and six digits for the supervisor mode  
(**standard setting is "0000" and "000000"**).

All ejector modules are now tested for proper stand-by position and, if necessary, automatically set to home position.

In case of malfunction, i.e. blocked or idle running ejector for more than 8 sec., a beep sounds and the respective column number will be indicated at the handheld-terminal display.

In case a column is empty, the machine beeps and shows the column number on the handheld-terminal.

The machine is now in a locked position. The **yellow** indicator is lit, while the green indicator is still switched off. By pressing the FREE-button (\*) on the handheld-terminal the machine goes into operation.

The advertising blinker (top left of selection panel) is permanently blinking (optional).

#### Selection panel

When the panel is released („green“ ) a selector pad is pressed a beep sounds to confirm the selection.

If the selected column is empty, the yellow indicator will light up „please ask assistant“. All other selector pads are also blocked.

The number of the empty column also lights up at the handheld-terminal display. After approx. 2 seconds the customer selection panel is ready for another selection.

The white indicator blinks for about 2 seconds during the delivery of a packet. Further selections can be carried out within 10 seconds otherwise the selection panel is blocked for a pre-set time (recommended 10 seconds) until the next customer. The indicator panel changes from green to yellow. With the \* on the handheld-terminal, the blocking of the selection panel can be overridden.

#### Handheld-terminal

**Red** LED indicates = selection panel *blocked*.

**Green** LED indicates = selection panel *released*.

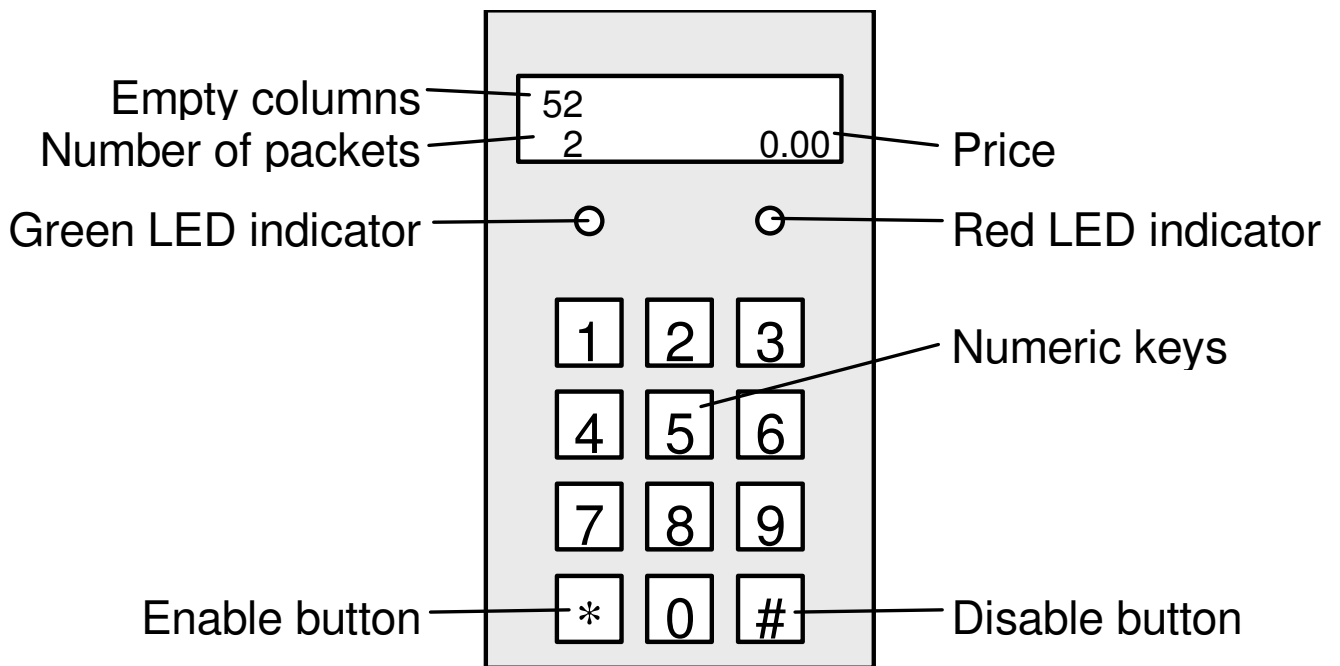
**2-digit LED** indicators (left hand digits) for empty columns: shows column numbers of empty columns. If more than one column is empty, the last two column numbers are indicated alternately every 2 seconds.

- ➔ **2-digit LED** indicators (centre) for number of packets sold to each customer. This counter is set to zero by pressing the FREE-button (\*).
- ➔ **4-digit LED** indicators (right hand digits) price of packets sold to each customer. This counter is set to zero by pressing the FREE-button (\*).
- ➔ **FREE - button (\*)** = cancels both counters for total number and total price of packets sold. *It activates the selection panel* and checks all selections for correct price setting and empty columns. The indicator changes from yellow to green.

#### Handheld-terminal (continued)

- **LOCK - button (#)** = *blocks the customer selection panel*. The indicator changes from green to yellow.
- **10-key pad** (numeric buttons) = for direct selection of packets by column number. Selections can be carried out even with customer selection panel blocked. With the first digit of the column number typed in the PRICE-indicator disappears and indicates the first digit of the selected column number. A "-" (dash) indicates that the second column number must now be entered.

## Smokythek Handheld-Terminal



## 4. SELECTED INSTRUCTIONS

### 4.1. Entering dispensing mode

Operation	Function	Display
Switch main-switch ON	Machine on	P- P0.86

1	Entering the dispensing mode	P1 -----
---	------------------------------	-------------

0000 (Factory setting)	Password	P1 0000
---------------------------	----------	------------

Release selection panel („green“)	Green LED
*	Selection panel for Customer enabled
	11 0 0.00

When the check-out is used, the Smokytek should be switched on and the panel released (green) so a selection can be made.

Blocking selection panel („yellow“)	Red LED
#	Selection panel for Customer disabled
	11 0 0.00

The panel should be blocked (red) whenever the check-out is not occupied. Do not forget to release the panel when the check-out is used again.

### Disable dispensing mode

# and * <i>Simultaneously</i>	Dispensing mode disabled	P- 1
----------------------------------	-----------------------------	---------

1	Back to the main menu	P- P 0.86
---	-----------------------	--------------

You can (but do not have to) block the panel by pressing \* and # simultaneously; in this way it can only be released with pressing 1 and then the password.

### 4. 2. Price setting

The SMOKYTHEK does *not* require programming the prices for normal use. It is only necessary to set the prices if you wish to use the SMOKYTHEK's statistics.

Operation	Function	Display
Switch main-switch ON	Machine on	P- P0.86


0	Enable supervisor Functions	P0 -----
---	--------------------------------	-------------


000000 (Factory setting)	Password	P- 0
-----------------------------	----------	---------



Operation	Function	Display
1	Price setting enabled	P1

#### Price setting e.g. column 11

 e.g. 11	Press desired keypad on Customer selection panel	P1 11      2.60
--	---	--------------------

 e.g. 0 2 9 5	Select new price Using four digits e.g.	P1 11      02.95
---	--	---------------------

#### Handheld-Terminal beeps

	Selling price will be Stored	P1 11      2.95
--	---------------------------------	--------------------

**For additional adjustments of selling prices continue with „Press desired keypad at customer selection panel“ and choose the next desired column.**

#### End of price setting mode

*	End of price setting	P- 0
---	----------------------	---------

0	Back to the main menu	P- P0.86
---	-----------------------	-------------

If the Handheld-Terminal indicates „E 15“ confirm with button \* see the technical manual for error codes and column linking facilities. This indicates that the price has been automatically changed for the other columns with the same brand.

### 4.3. Column linking facilities

If a brand is sold from more than one column, then you should *connect the columns electronically*. This way, if one column is empty, then the cigarettes automatically come from the other full column. Two or more columns can be linked through a 3-digit code ( 001 - 998 ). An existing column linking is indicated by a minus-sign behind the column number. Brand code „ 000 “ is neutral i.e. no link. This brand code (standard setting) is used when the column should *not* be linked to another column i.e. for any brand which is only in one column.


Operation	Function	Display
Switch main-switch ON	Machine on	P- P0.86

0	Enable supervisor Functions	P0 -----
---	--------------------------------	-------------

000000 (Factory setting)	Password	P- 0
-----------------------------	----------	---------

1	Price setting enabled	P1
---	-----------------------	----


#### Column to be linked e.g. column 11

 e.g. 11	Press desired pad on Customer selection panel	P1 11	2.60
--	--	----------	------

#	Recall column linking	P1 11	-000
---	-----------------------	----------	------

ΥΥΥ e.g. 0 0 1	Enter 3-digit brand code	P1 11	-001
-------------------	--------------------------	----------	------

**Next column e.g. 12**

 e.g. 12	Press desired pad on Customer selection panel	P1 12	2.60
--	--	----------	------

#	Recall column linking	P1 12	-000
---	-----------------------	----------	------

ΥΥΥ e.g. 0 0 1	Enter 3-digit brand code	P1 12	-001
-------------------	--------------------------	----------	------

**Handheld-Terminal beeps**

	Indication of column Linking	P1	E 13
--	---------------------------------	----	------

*	Confirm column linking.	P1 12-	-001
---	-------------------------	-----------	------

**Note** ↑ minus-sign indicates link.

**For additional column linkings press another selection pad.**

**End of column linking mode**

*	End of column linking.	P- 0	
---	------------------------	---------	--

0	Back to the main menu	P- P0.86	
---	-----------------------	-------------	--

**Cancel column linking**

If you are changing a brand and want to use a column which is already connected to another brand, then you must electronically separate the column. (e.g.11 from 12) by using brand code 000.


Operation	Function	Display
Switch main-switch ON	Machine on	P- P0.86

0	Enable supervisor Functions	P0 -----
---	--------------------------------	-------------

Operation	Function	Display
-----------	----------	---------

000000 (Factory setting)	Password	P-	0
-----------------------------	----------	----	---

1	Price setting enabled	P1	
---	-----------------------	----	--


 e.g. 11	Press desired keypad on Customer selection panel	P1 11-	2.60
--	---	-----------	------

#	Recall column linking	P1 11-	-001
---	-----------------------	-----------	------

Υ Υ Υ 0 0 0	Enter 3-digit brand code	P1 11	-000
----------------	--------------------------	----------	------

**Note** ↑ no minus-sign

If column 12 should also be separated, then you should also give it the neutral code **000** as in this example. If column 12 should remain connected to another column (e.g. column 13) then leave the specified brand code or make a new one.

 e.g. 12	Press desired keypad at Customer selection panel	P1 12	2.60
--	---	----------	------

#	Recall column linking	P1 12	-001
---	-----------------------	----------	------

Υ Υ Υ 0 0 0	Enter 3-digit brand code	P1 12	-000
----------------	--------------------------	----------	------

**For additional adjustments of brand codes continue with „Press desired keypad at customer selection panel" and choose the next desired column.**

### End of column linking mode

*	End of column linking.	P-	0
---	------------------------	----	---


0	Back to the main menu	P-	P0.86
---	-----------------------	----	-------

#### 4.4. Statistics

##### Read out and erase statistics in supervisor mode Number of packets

Operation	Function	Display
Switch main-switch ON	Machine on	P- P0.86
0	Enable supervisor functions	P0 -----
000000 (Factory setting)	Password	P- 0
2	Shows <i>number</i> of packs sold	P2 1160

##### Statistics per column

 e.g. 11	Shows number of packs sold per column	P2 11      60
--	---------------------------------------	------------------

##### After 4 sec. the display changes.

You can leave the statistics unchanged or erase them

# and * Simultaneously	Erase statistics	P2 ----
0000	Confirm erase statistics	P2
*	End of statistics.	P- 0
0	Back to the main menu	P- P0.86

##### Reading out and erase statistics in supervisor mode Value of sold packets

Operation	Function	Display
Switch main-switch ON	Machine on	P- P0.86
0	Enable supervisor Functions	P0 -----
000000 (Factory setting)	Password	P- 0

Operation	Function	Display
-----------	----------	---------

3	Shows <i>value</i> of sold cigarettes	P2	1160.00
---	--	----	---------

You can leave the statistics unchanged or erase them.

# and * <i>Simultaneously</i>	Erase statistics	P2	----
----------------------------------	------------------	----	------

0000	Confirm erase statistics	P2	0000
------	--------------------------	----	------

*	End of column linking.	P-	0
---	------------------------	----	---

0	Back to the main menu	P-	P0.86
---	-----------------------	----	-------

#### 4.5. Blocking and release times of selection panel

After a customer presses the selection panel, the panel stays „green“ for a further 10 seconds (factory setting) so that a further selection can be made. This „blocking time“ can be changed, for example, so that the panel stays unblocked on „green“ indefinitely (input 99 sec's) – blocking manually with # is always possible. If the panel is programmed to block, this „yellow phase“ can be altered (recommended setting 10 seconds). During this „blocked“ time, the panel can always be released manually by pressing \*. Setting the release time to „open end“ 999 means that the assistant would have to release the panel every time manually.

Operation	Function	Display
Switch main-switch ON	Machine on	P- P0.86
0	Enable supervisor Functions	P0 -----
000000 (Factory setting)	Password	P- 0
9	Entering special Functions	P- 09
5	Panel times enabled	P5 -
<b>Length of „green“ phase</b>		
1	„Green phase“ of selection panel	P5 1 10
#	Scroll to desired time	<b>99 means panel Stays on „green“</b>

Proceed to **Confirm**

**Length of blocked „yellow“ phase**

2	„yellow phase“ of selection panel	P 5 2 30
#	Scroll to desired time	<b>999 means panel must be Released manually after each sale</b>
*	<b>Confirm</b>	P- 09
9	End of special functions	P- 0
0	Back to the main menu	P- P0.86

#### 4.6. Changing passwords (passwords)

Operation	Function	Display
Switch main-switch ON	Machine on	P- P0.86
0	Enable supervisor functions	P 0 -----
000000 (Factory setting)	Password	P- 0
9	Entering special functions	P 09
1	Entering password mode (number of SMT)	P 1 00
Change password by typing a new one		
#	Push to change password of supervisor	P 1 000000
Change password by typing a new one		
#	Push to change password of manager	P 1 0000
Change password by typing a new one		
#	Push to password of assistant 0	P 1 1 0000
Change password by typing a new one; scroll with # for new assistant		

Operation	Function	Display
#	Push to change password of assistant 1 – 9	P 1 2        0000
Change password by typing a new one *		
*	<b>End of password mode</b>	P – 0 9
9	End of special functions	P – 0
0	Back to the main menu	P – P 0.86

#### 4.7. Programming from dispensing mode

The previous instructions start by switching the machine off and on. If you are in dispensing mode and you wish to program, you can also press \* and # simultaneously and then 1 in order to reach the start position where the display shows P-  
P0.86.

## 5. ERROR CODES

**E 01 Fuse SI 4 on P/C board damaged**

**E 03/E04/E05 Statistics full.** Please erase statistics at assistant and supervisor level. See pages 12 or 19

**E 13 Message! - The brand code has changed, columns are now linked.**

The price with the same brand code is programmed.

**E 15 Message! - A new price is programmed. Confirm with \***

The price of cigarettes with the same brand code is programmed automatically.

**E 20 A cigarette pack has blocked during the dispensing mode.**

First **block** the **selection panel** with # ; **Remove pack** from lift (if necessary, open service panel on front of lift and check between the belts, check under the belt inside the lift) or from inside machine and then **press \*** on handheld-terminal.

There is an light barrier in the lift, which registers if a pack passes. If a pack does not pass, then the lift tries to shake it free in case it is blocked. If this does not succeed, then E 20 shows. Should E 20 show, even though a pack has been ejected, then maybe the light barrier in the lift is faulty. Press \* and # simultaneously. This bypasses the function of the light barrier until a technician has repaired it.

**E 21 IR sensor (light barrier) in the vertical conveyor belt is damaged.**

The SMOKYTHEK will continue to function after pressing \*. The light barrier should be replaced.



## 6. QUICK REFERENCE CHART FOR PROGRAMMING

**P0** Log on for supervisor

**0 0 0 0 0 0 Codenumber**

**P1** Log on for personnel

**0 0 0 0 Codenumber**

Dispensing mode.

\* release and

# locking

**P1** Selling prices, brand codes

**P2** Read out and erase for number of packets sold per column and total

**P3** Read out and erase for value of packets sold

**P5** Packet counter (non-erasable)

**P6** Service mode

**P0** Log off for supervisor

**P1** Log off for personnel

**P9** Additional functions

**P0** Selection panel matrix

**P1** Passwords

**P2** Decimal point

**P5**

**P1** Time delay for switch off selection panel

**P2** Time delay for switch on selection panel

**P6** Running time of conveyor belt

**P8** Changing between 30 and 60

**P9** Leaving this mode

## P1 Dispensing mode

### Log on for dispensing mode

Key	Function
###	Log on of personnel with a four-digit code number. Standard setting is "0000". With the input of a new code number all statistics of previous personnel will be erased !

In dispensing mode the display indicates at the top left of the first line the number of empty columns. The second line indicates the **number** (left) and the **value** (right) of packets selected by this customer.

(###) - key ### machine in operation - green LED is lit. (#) - key ### machine blocked- red LED is lit. The direct selection of all columns through the numeric keys is still possible.

### P1 -Log off for dispensing mode

Key	Function
(### + #)	Both keys must be pressed <b>simultaneously</b> . Key ### returns to normal dispensing mode.

## P0 - Supervisor mode

### P0 - Log on for supervisor mode

Key	Function
###	After pressing this key the six-digit code number must be typed in. Standard setting is "000000". In programming mode the letter "P" together with the selected programming step will be displayed in the upper line of the display.

### P0 -Log off for supervisor mode

Key	Function
###	By pressing this key the machine returns to the stand-by mode.

## Functions in supervisor mode

### P1 - Price programming and brand code

#### Price programming

Key	Function
###	By pressing this key followed by the desired selector pad the selling price for this column will be displayed. This price can be altered by typing in the new selling price ( 4 digits) with the numeric keys, e.g. 05.00 = 5,00\$. A beep sounds when the correct setting has been made. All other columns can be activated by pressing the respective selector pad.

#### Brand code

Key	Function
#	When the selling price is displayed the brand code can be activated by pressing the # - key. Standard setting is "0000" and indicates "no brand code". A four-digit brand code can be typed in via the numeric keys. Pressing the # - key again changes back to the price-programming mode.

#### Leaving this mode

Key	Function
-----	----------


### By pressing this key the machine returns to the supervisor mode.

### **P2 - Number of packets sold**

#### **Total sale**

<i>Key</i>	<i>Function</i>
###	Pressing this key displays the <b>number</b> of packets sold since the last erasing of statistic data.

#### **Per column**

<i>Key</i>	<i>Function</i>
	By pressing the respective selector pad the <b>number</b> of packets sold from this column appears at the display. The display returns automatically to the total sale indication after approx. 4 seconds.

#### **Erasing the statistics**

<i>Key</i>	<i>Function</i>
(### + #)	By pressing both keys <i>simultaneously</i> the erasing mode is activated. To erase all data "0000" must be typed in via the numeric keys.

<i>Key</i>	<i>Function</i>
###	By pressing this key the machine returns to the supervisor mode.

### **P3 - Value of packets sold**

<i>Key</i>	<i>Function</i>
###	Pressing this key displays the <b>value</b> of packets sold since the last erasing of statistic data.

#### **Erasing the statistics**

<i>Key</i>	<i>Function</i>
(### + #)	By pressing both keys <i>simultaneously</i> the erasing mode is activated. To erase all data "0000" must be typed in via the numeric keys.

#### **Leaving this mode**

<i>Key</i>	<i>Function</i>
###	After pressing this key the machine returns to the supervisor mode.

### **P5 - Non-resettable packet counter**

<i>Key</i>	<i>Function</i>
5	By pressing key 5 the display indicates the <b>number</b> of packets sold since the installation of the machine. This counter is non-resettable.

#### **Leaving this mode**

<i>Key</i>	<i>Function</i>
###	After pressing this key the machine returns to the supervisor mode.

## P6 - Service mode

Key	Function
⑥	By pressing this key the machine changes to the service mode. Test vends can now be made like in normal dispensing mode but without changing any statistics.

### Leaving this mode

Key	Function
(### + #)	After pressing both keys <i>simultaneously</i> the machine returns to the special function mode.

## P9 - Special functions in supervisor mode

### P9 - Log on for special functions

Key	Function
###	By pressing key ### in supervisor mode P0 the special functions are activated.

### P9 - Log off for special functions

Key	Function
###	By pressing key ### during the special function mode the machine returns to the supervisor mode P0.

## P0 - Selection panel matrix

Usually a selector pad is connected to a specific column e.g. pad number 11 with column 11. Sometimes it is necessary (e.g. for display purposes) to connect, a pad number to a different column e.g. 11 to column 23. It may be necessary to remove a module (for space reasons) so that to pads connect with one column. We advise using this function sparingly; it is *essential* to document the changes made! Programming of prices(if used) and column linking through use of a brand code work on the basis of the *column number* and not the selection pad number.

Key	Function
###	After pressing this key it is possible to assign the selector pads to any other desired column. By pressing the selector pad the <b>pad number</b> and the <b>connected column</b> will be indicated, e.g. "11-11". The connected column can now be changed by typing in the desired new column number via the numeric keys e.g. 11-23. A beep sounds for confirmation.

### Leaving this mode

Key	Function
###	By pressing this key the machine returns to the special function mode.

## P1 – Programming of code numbers

### Checkout number

Key	Function
###	After pressing key ### the checkout number can be programmed. Standard setting is "00". Any two-digit number can be typed in via the numeric keys. A beep sounds for confirmation.

### Supervisors code number

<i>Key</i>	<i>Function</i>
#	After pressing key # the supervisors code number can be programmed. Standard setting is "000000". Any six-digit number can be typed in via the numeric keys. A beep sounds for confirmation.

### Supervisors code number

<i>Key</i>	<i>Function</i>
#	After pressing key # the supervisors code number can be programmed. Standard setting is "0000". Any four-digit number can be typed in via the numeric keys. A beep sounds for confirmation.

### Personnel code numbers

<i>Key</i>	<i>Function</i>
#	After pressing key # the personnel's code numbers can be programmed. Standard setting is "0 0000". The required four-digit code numbers can be typed in via the numeric keys. A beep sounds for confirmation. The code number for the next personnel can be programmed in after pressing the # - key again. Indication: "1 0000".

### Leaving this mode

<i>Key</i>	<i>Function</i>
###	After pressing this key the machine returns to the special function mode.

### P2 Decimal point

<i>Key</i>	<i>Function</i>
###	By pressing key ### the position of the decimal point can be altered. The # - key moves the point to the desired position.

### Leaving this mode

<i>Key</i>	<i>Function</i>
###	After pressing this key the machine returns to the special function mode.

### P5 - Blocking and release times of selection panel

In normal use the selection-panel is "green" so that a selection can easily be made. It stays green for a set time after a selection has been made, so that another selection can be made. This "green phase" can be altered (1 – 11 sec's, or indefinite "99"). The length of the blocked "yellow phase" can be altered (0 – indefinite); if indefinite "999" then the panel must be released each time manually with the \*.

<i>Key</i>	<i>Function</i>
### ①	After pressing this key, the "green phase" of the customer panel can be altered. With the # - key a delay between 1 and indefinite "99" seconds can be programmed. The programming of "99" sets the panel to stay on green.
### ②	After pressing this key the blocked "yellow phase" of the customer panel can be altered. With the # - key a delay between 0 and 999 seconds can be programmed. The programming of "999" sets the machine to "release panel manually".

### Leaving this mode

<i>Key</i>	<i>Function</i>
###	After pressing this key the machine returns to the special function mode.

### **P6 - Running time of conveyor belt**

This function should only be used by technical service personnel!

<i>Key</i>	<i>Function</i>
###	After pressing this key the running time of the conveyor belt can be altered. By using the # - key the time can be adjusted from 0,5 to 5 seconds in steps of 0,2 seconds.

#### **Leaving this mode**

<i>Key</i>	<i>Function</i>
###	After pressing this key the machine returns to the special function mode.

### **P8 – Switching between 30/60 CPU**

This function should only be used by technical service personnel! It is used to change the CPU from a SMT 30 to a SMT 60.

<i>Key</i>	<i>Function</i>
8	After pressing this key, the CPU changes from a SMT 30 to SMT 60 and vice versa. By using the # - key the CPU be changed.

#### **Leaving this mode**

<i>Key</i>	<i>Function</i>
(###)	By pressing this key the machine returns to the special function mode. A beep sounds for confirmation.

## 8. STEREO SMOKYTHEK

### 8.1. Differences from standard SMOKYTHEK

The STEREO-SMOKYTHEK functions in basically the same way as the standard SMOKYTHEK. The Stereo has two selection panels; operation with both or either one is possible.

On the handheld-terminal for the Stereo, there is a *switch* and two green LED. If the switch is to one side, then the left panel operates (left LED on); move the switch to the center and *both* panels are active (both LED lit); move the switch to the right, then only the right panel is active (right LED lit).

The \* and # on the handheld-terminal will release or block the SMOKYTHEK; if, for example, both panels are active, the # will block both panels.

The pack is ejected on to the special horizontal belt attached to the lift (this makes the STEREO-SMOKYTHEK 20cm (ca. 8 inches) longer than the standard machine (total length of stereo: 180 cm / 71 inches).

The STEREO-SMOKYTHEK has an additional circuit board. It recognises which panel has been activated and sets the special horizontal belt in motion to transport the pack to the selected side. During the transport of a pack, the other selection panel is blocked.

The statistic program does not store which side of the STEREO-SMOKYTHEK the selection has been made.

The stereo has the program number P0.87. Apart from the basic stereo function described above, this program has some differences:

- dispensing by inputting a column number into the handheld-terminal does not work (the extra belt does not run)
- if an empty column is selected, the yellow panel (e.g. "SHOW PROOF OF AGE") does not light up.

The blocking time of the selection panel ("green" phase after selection) may not be *more* than 5 seconds; the release time ("yellow" phase after blocking) may not be *less* than five seconds.

### 8.2. Preparation and installation (by technician)

The STEREO-SMOKYTHEK is installed in the same way as the standard machine.

For information, the electricity supply for the extra belt (24 V) is next to the connector for the lift (at the base of the lift inside). This is already connected to the extra circuit board.

The connectors for both panels must be inserted into the special "stereo" circuit board.

The following connections must be made between the SMOKYTHEK circuit board and the “stereo” circuit board:

- flat band cable for data transfer to CPU
- 3-pin connection (10V, 30V, GND) [SMT P5]
- 2-pin connection (245V AC) [SMT P3]
- 2-pin connection (27V AC) [SMT P6]
- 2-pin connection for lift [SMT P1]

The following components must be inserted on the „stereo“ circuit board.

- 2-pin connector for selection panel switch on handheld-terminal
- 1-pin connection for selection panel switch on handheld-terminal (10-pin connector)
- 2-pin for horizontal belt

**With all connections attention must be paid to the correct markings.**

## 9. FUSES

### **CAUTION:**

***For continued protection against risk of fire,  
Replace only with the same type and rating of fuse.***

The main power fuses (T 2A L 250V, Type 195; Fa. Wickmann) are located next to the main switch.

**The following fuses are located on the circuit board under the protective cover.  
Only trained personnel should remove the protective cover; Danger 115V~.**

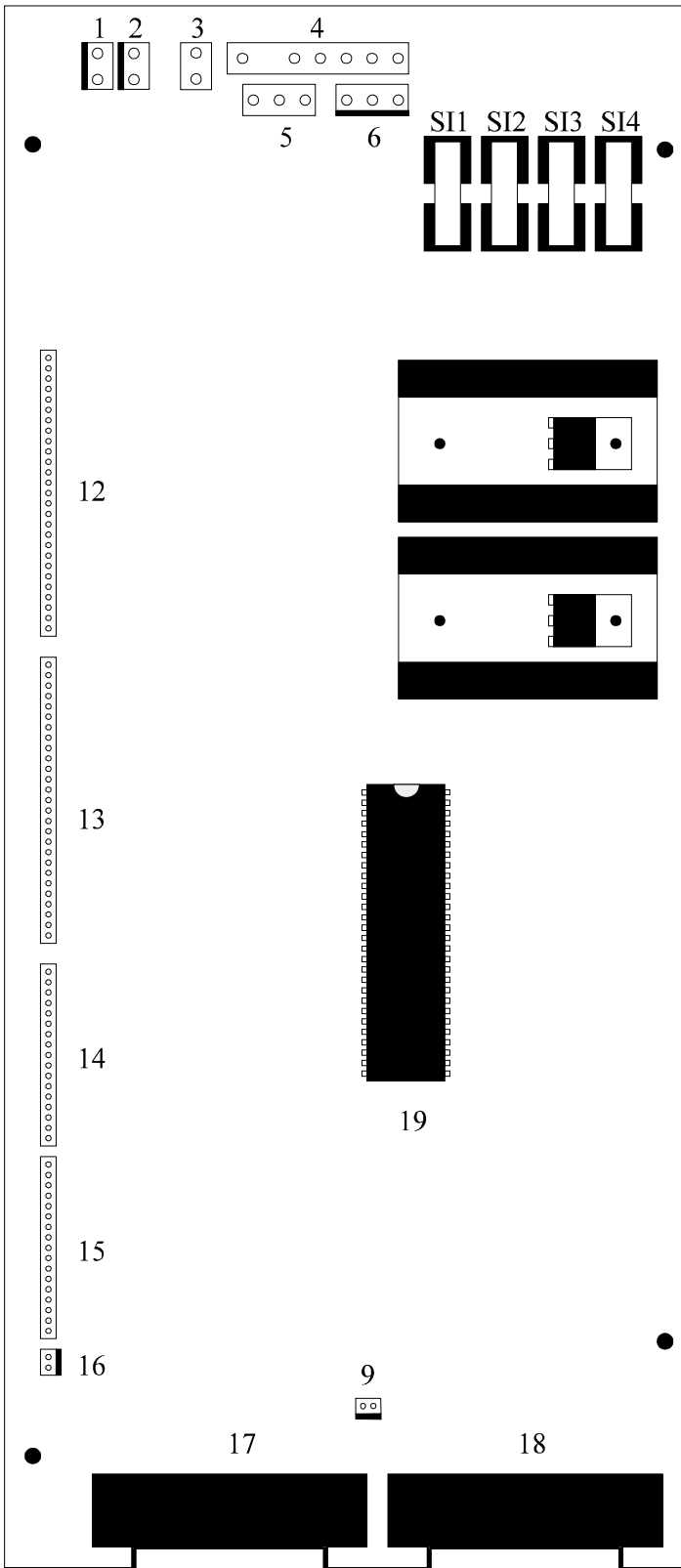
**BEFORE CHANGING A FUSE OR REMOVING THE PROTECTIVE COVER,  
DISCONNECT THE MAINS POWER SUPPLY TO THE SMOKYTHEK!!**

<b>Fuse</b>	<b>Problem</b>
SI1 (Drive belt, lift)	After a selection, the pack stays on the drive belt.
SI2 (Lights on panel)	The lights on the panel do not work. The selection panel can however still be released; the machine dispenses normally.
SI3 (CPU)	The machine does not function at all; the handheld-terminal is off.
SI4 (Modules, buzzer, panel)	Neither the selection-panel nor the handheld-terminal panel work.



## 10. CIRCUIT-BOARD LAYOUT

### Programs P0.85 – P0.87, P0.90 – P0.91



SI1 ⇒ T 4A L 250V (Drive belt and lift)  
 SI2 ⇒ T 2A L 250V Panel lights  
 SI3 ⇒ T 2A L 250V (CPU)  
 SI4 ⇒ T 2A L 250V (Modules, buzzer, panel and handheld-terminal)

1 ⇒ Lift 25,5V  
 2 ⇒ Drive belt 23V  
 3 ⇒ free  
 4 ⇒ Power supply  
 5 ⇒ free  
 6 ⇒ free  
 9 ⇒ Lift (light barrier)  
 12 ⇒ Modules 51-70 (SMT30 31-40)  
 13 ⇒ Modules 31-50 (SMT30 21-30)  
 14 ⇒ Modules 11-20 (SMT30 11-20)  
 15 ⇒ Modules 21-30  
 16 ⇒ Jumper  
 17 ⇒ Selection Panel, panel lights  
 18 ⇒ Handheld-Terminal  
 19 ⇒ Controller

## 11. Error code list

### Software P0.8x

<i>Shown Error</i>	<i>Possible Error</i>	<i>Check and Repair</i>
<b>A.</b> No shown Display on Handheld-Terminal.	<ol style="list-style-type: none"> <li>1. Machine not switched on.</li> <li>2. Power supply without power.</li> <li>3. Main fuse or fuse SI3 (Handheld-Terminal) damaged.</li> <li>4. Handheld-Terminal damaged.</li> <li>5. Data cable Handheld-Terminal lose or damaged.</li> </ol>	<ol style="list-style-type: none"> <li>1. Switch main-switch on.</li> <li>2. Check power supply.</li> <li>3. Check and change main fuse and fuse SI3.</li> <li>4. Change Handheld-Terminal.</li> <li>5. Fix or change Data wire.</li> </ol>
<b>B.</b> Machine switch delayed from yellow to green vending mode (ca. 8 sec.).	<ol style="list-style-type: none"> <li>1. Ejector blocked. (will be shown on Handheld-Terminal as_empty).</li> <li>2. Ejector damaged.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check if all ejectors are in parking position. Remove blocked cigarette boxes and switch handheld-Terminal to green.</li> <li>2. Change ejector.</li> </ol>
<b>C.</b> Machine jump not to the Vending mode.	<ol style="list-style-type: none"> <li>1. No or false Pin-Code.</li> <li>2. Fuse SI4 on CPU damaged.</li> <li>3. Handheld-Terminal buttons or cable damaged.</li> <li>4. CPU damaged.</li> </ol>	<ol style="list-style-type: none"> <li>1. Type or check Pin-Code (Factory setting "0000").</li> <li>2. Change Fuse SI4.</li> <li>3. Change Handheld-Terminal.</li> <li>4. Change CPU. <sup>1)</sup></li> </ol>
<b>D.</b> Column is shown as empty although it is filled.	<ol style="list-style-type: none"> <li>1. Empty Sensor of Ejector not switched.</li> <li>2. Empty Sensor damaged.</li> <li>3. Ejector is blocked and CPU switched it off.</li> <li>4. Fuse SI4 damaged.</li> <li>5. Ejector wire is broken.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check and adjust column walls.</li> <li>2. Change ejector.</li> <li>3. Remove blocked cigarettes switch to green. (Ejector runs in parking position).Check column walls.</li> <li>4. Change fuse SI4.</li> <li>5. Check it with a working ejector.</li> </ol>
<b>E.</b> Cigarettes were not transported or are blocked.	<ol style="list-style-type: none"> <li>1. Columns walls false adjusted.</li> <li>2. Back packer false adjusted.</li> <li>3. Blocked Lift</li> <li>4. Ejector damaged</li> <li>5. Ejector cable damaged.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check and adjust.</li> <li>2. Check if a back packer is necessary.</li> <li>3. Remove blocked cigarette boxes out of the lift.</li> <li>4. Change ejector. <sup>1)</sup></li> <li>5. If you change the wires on CPU- it is possible to check if the cable or CPU is damaged. <sup>1)</sup></li> </ol>
<b>F.</b> E-Message on the Display.	<ol style="list-style-type: none"> <li>1. Information for a mistake.</li> </ol>	<ol style="list-style-type: none"> <li>1. Push * button to erase the message and look in the manual for Error message.</li> </ol>

<b>G.</b> Conveyor belt or Conveyor lift are not running.	<ol style="list-style-type: none"> <li>1. Conveyor belt or Conveyor lift are blocked.</li> <li>2. Slide behind the conveyor belt-fixed false.</li> <li>3. Fuse SI1 damaged.</li> <li>4. Display shows E 20 , E 21</li> </ol>	<ol style="list-style-type: none"> <li>1. Check transport belts and -rolls for running easy. Remove blocked cigarettes.</li> <li>2. Check the metal slide.</li> <li>3. Change fuse SI1.</li> <li>4. Look manual.</li> </ol>
<b>H.</b> Ejection from wrong cigarettes.	<ol style="list-style-type: none"> <li>1. Column linking programmed.</li> <li>2. Customer selection panel damaged.</li> <li>3. New Program version on CPU (after Repairing).</li> <li>4. Selection panel matrix programmed.</li> </ol>	<ol style="list-style-type: none"> <li>1. Erase column linking.</li> <li>2. Change Customer selection panel.</li> <li>3. Use the old Micro controller.</li> <li>4. Erase selection panel matrix.</li> </ol>
<b>I.</b> Only one sort will be ejected.	<ol style="list-style-type: none"> <li>1. Push button customer selection panel blocked.</li> </ol>	<ol style="list-style-type: none"> <li>1. Change customer selection panel.</li> </ol>
<b>J.</b> Lift is running backward.	<ol style="list-style-type: none"> <li>1. IR-Sensor damaged.</li> </ol>	<ol style="list-style-type: none"> <li>1. Change IR-Sensor. <sup>1)</sup></li> </ol>
<b>K.</b> No sound buzzer customer selection panel.	<ol style="list-style-type: none"> <li>1. Fuse SI4 damaged.</li> </ol>	<ol style="list-style-type: none"> <li>1. Change fuse SI4.</li> </ol>

<sup>1)</sup> technician needed

**Attention**

**Before changing a fuse or removing the protective cover, pull the plug from the power supply.**

**For continued protection against risk of fire, Replace only with the same type and rating of fuse.**

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