

F R A M A   
S M A R T M A I L I N G



TAX METER

**Operating manual**

## **Operating manual for**

## **Frama Tax Meter**

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## Safety information and warnings

Thank you for choosing the Frama Tax Meter which meets all standards and guarantees long-term protection of your investment. The information in this operating manual is intended to assist you in installing and operating your Frama Tax Meter.

The information below in this operating manual is intended to assist you in installing and operating your Frama Tax Meter. It also shows how you can easily make settings yourself.

The Frama Tax Meter meets current safety requirements. Incorrect use can, however, lead to injury and damage. With this in mind, please first read this guide before you start using your Frama Tax Meter. This will help you to avoid injury and prevent. Keep this guide in a safe place and pass it on to the new user should you dispose of the machine.

## Symbols used

This operating manual uses the following symbols:



### **Danger**

This symbol indicates dangers and safety hazards which can cause injury when using, operating and servicing the Tax Meter.



### **Information**

This symbol is intended to draw your attention to guidance and instructions you should be aware of which can prevent the risk of damage to the Tax Meter, the items to be printed on or the immediate surroundings when handling the Tax Meter.



### **Tip**

Hints and tips of interest for the efficient use of the Tax Meter.

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## 1. System presentation

### 1.1 Safety instructions/Notes on use



**Danger**

1. Use this Tax Meter indoors and for valuing documents only. Any other use, modification or change to the Tax Meter is not permissible and may be dangerous. The manufacturer accepts no liability for damage caused by use contrary to the intended use or incorrect operation.
2. Check the Tax Meter for external damage before setting it up. You may be putting your life at risk by using a damaged machine.
3. A damaged connecting lead may only be replaced by a lead of the same type.
4. A current overload protector must always be fitted in buildings in which the Tax Meter is plugged into the mains network.
5. Check the cable and plug before installing the system. Have any damage repaired by a specialist electrician only.
6. Only connect the plug into a mains socket when the Tax Meter housing is closed.
7. Always run the mains cable away from the rear of the Tax Meter and make sure that no risk exists of it being damaged or someone tripping over it.
8. Never pull the plug out of the socket by the mains cable.
9. Never reach into the printing unit. Your fingers could be injured if the Tax Meter is switched on. Be careful if you are wearing long hair, a tie, etc.
10. Do not reach into rotating parts. There is a risk of injury.
11. Keep children away from the Tax Meter.
12. Have your Tax Meter repaired by a service technician from your local Frama sales and service organization only. Never open the Tax Meter yourself under any circumstances. Repairs carried out incorrectly can represent a significant hazard to the user.

#### 1.1.1 Correct use



**Danger**

1. Use accessories intended for this system only. The use of accessories that are not approved, or not authorized, can be detrimental to the service life of the Tax Meter. At the same time, a danger to the operator can be created.
2. Always keep your fingers and other parts of the body, ties, necklaces, scarves, open sleeves and similar loose things away from the feed entry area and the rollers. There is a risk of injury on rotating parts.
3. Do not clean the system with flammable fluids. There is a risk of explosion.
4. Disconnect the system from the mains before cleaning it. Clean the system with a damp cloth only. Do not spray any liquids on or into the Tax Meter. There is a risk of electric shock. Lethal hazard.
5. Do not place any liquids, glasses, ink, etc. on the Tax Meter.

#### 1.1.2 Installation notes



**Information**

Your Frama Matrix Tax Meter was manufactured for use in normal conditions. Please remember: Today's furniture is coated with a confusing variety of paints, lacquers and synthetic materials. In view of this, it is quite possible that some of these materials contain constituents which can attack or soften the plastic feet of our equipment. The feet of our equipment, if affected by foreign substances, can stain your furniture. Frama is unable to accept any liability in this respect for obvious reasons. With this in mind, use a non-slip underlay. Avoid exposing directly to sunlight.

## 1.2 Notes on print quality

The following notes are intended to support you in achieving a sharp, professional print with your Frama Matrix Tax Meter, so as not to jeopardize the processing of your printed document. As the user, you are responsible for the legibility of your Tax Meter.



### Information

1. Your Tax Meter must be properly registered with the tax office before you may use it the first time. Follow the instructions given by your local Frama Sales and Service organization when you do this.
2. Each mark must be used only once.
3. The use of fibrous and other unsuitable paper can result in the marks blurring or smearing marks and thus to the marks being illegible. In view of this, you are urgently advised not to use paper of this kind.
4. The use of high gloss documents, which could offer insufficient contrast with the mark, is not permitted.
5. Do not process document items thicker than 6 mm. You risk allowing the printing head to touch the surface of the document item and thus smearing the printed mark. You should therefore always use Frama Tax Meter labels for thick formats.
6. Please make sure that no sharp objects, such as paper clips, are near the working zone. Such objects can damage the Tax Meter.
7. Ink ribbon cassettes must be checked regularly to ensure high-quality printing.

### 1.3 Requirements for the network environment / information security



#### Information

1. The Tax Meter is connected to the user's local area network by Ethernet using the user's internet connection correspondingly provided to exchange data with the data centre.
2. Frama guarantees that no other data that are not relevant for the Tax Meter will be transmitted or read from the user's network.
3. The user must take measures to ensure the integrity and security of the network at all times operating the Tax Meter on the company network.

### 1.4 Recycling and disposal



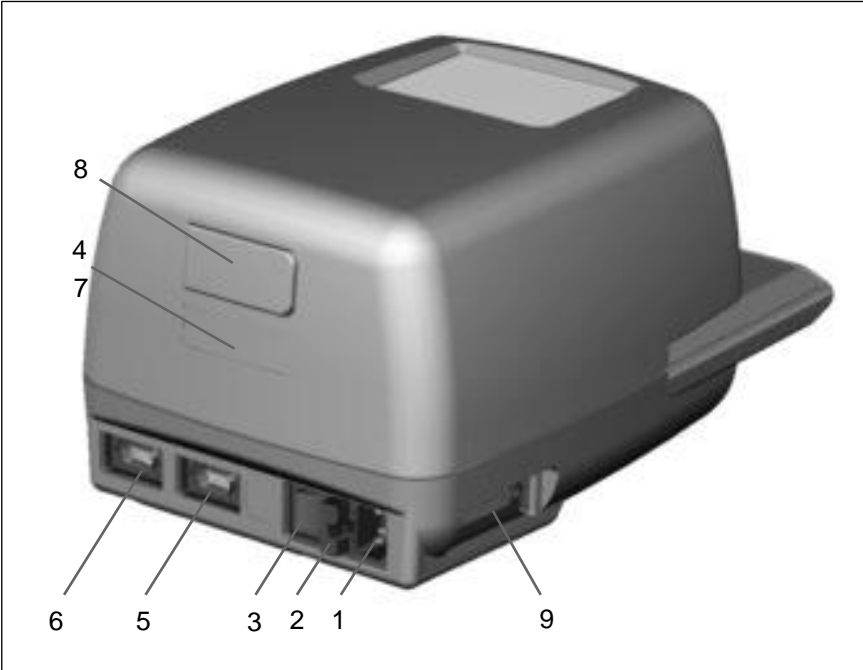
The WEEE Directive (Waste Electrical and Electronic Equipment; 2002/96/EC) was drawn up for the protection of human health and the environment to ensure that waste products are disposed of utilizing the best available reprocessing, recovery and technical recycling possibilities. Your product has been developed and manufactured using top-quality materials and components which can be recycled and reprocessed.

#### **Do not dispose of this product with household waste.**

Please find out about local collection points for electrical and electronic waste products which are marked accordingly.

You can hand over your old product to your specialized dealer/supplier when you purchase a replacement product. The specialized dealer or supplier in Switzerland is obliged to take back used devices by the Swiss Ordinance on the return, taking back and disposal of electrical and electronic appliances.

2. The Frama Tax Meter





## **System Figure references**

- 1 Mains connection
- 2 Fuse holder
- 3 Mains switch
- 4 CE conformity symbol
- 5 F-Link Interface
- 6 9-pole scale interface
- 7 Name plate
- 8 Security lock cover
- 9 25-pole interface for connecting loading boxes
- 10 Touch-Screen (ComTouch™)
- 11 Ink ribbon cassette
- 12 Door lock
- 13 Paper feed table
- 14 Table guide
- 15 Light barrier for paper safety release
- 16 Light barrier for feed control
- 17 Printing mechanism
- 18 Slit for Short Form Instructions

## 2.1 Basic Model and Options

The Frama Tax Meter System is available in anthracite-black housings. It can be equipped with additional software, hardware and peripheral options as required. Depending on country-specific tax regulations, credit loading can be carried out using the remote resetting system (see section 5.8.18 Loading credit (online) via F-Link ).

## 2.2 Basic specifications

The basic model includes:

- Printing speed up to 3000 prints per hour
- Printing of paper thickness up to 6 mm
- User interface touch screen
- Fully automatic date change
- Two password protected account numbers
- Printing account number details on data cards
- 10-key keypad
- Resettable / non-resettable item counters
- Programmable "High Value" lock

## 2.3 Software options

- "Account number Module" option C for booking valued documents in, for example, 10 (Module C10), 20 (C20) or 50 (C50) account numbers (section 5.1 Entering account number and password).
- "Ad Cliché" option A. Up to eight different ad clichés can be permanently stored in the system using the ad cliché loading box (section 6. LOADING AD CLICHÉS \*).

\* not available in every country

### 3. INSTALLATION / MAINS CONNECTION

Place the Tax Meter on a horizontal surface. Leave sufficient space for the ejection of the printed papers to the left of the machine.

Ensure that the mains switch (3) on the rear of the machine is set to the "0" position. Connect the mains cable to the mains connection (1) and then connect the other end to a suitable mains source.

### 4. PREPARING FOR OPERATION

Switch the mains switch (3) on the rear of the machine to the "1" position. The following then appears on the touch screen (10): the Frama logo, the version number of the software used, and, if electronic remote credit re-setting is included, a bargraph indicating the remaining printing value as a percentage of the value available immediately after the last credit loaded. (For more information on loading, see section 5.8.18 Loading credit (online) via F-Link ). A menu field then appears for entering your account number and the associated password.

### 5. OPERATION

#### 5.1 Entering account number and password

To the top right of the menu field you can see the system data listed below. You cannot edit this data.

- Total value counter
- Total items counter
- Total zero print counter
- Remaining credit (printing amount still available)
- Total amount loaded \*

The account number and the associated password can now be entered as follows (the entries requested by the system are always shown in inverted text, that is, with dark background):

- Enter the requested one or two-digit account number (the number of digits depends on your account number module). Confirm with the "OK" button.
- If the password protection was switched on in the Setup menu (section 5.8.2 Setup menu information), then you must enter the programmed one to maximum six-place password number. After entering, confirm with the "OK" button.

**Important:** The highest possible password number is reserved for the person responsible for the system. It allows the use of certain special functions in the Setup menu. Thus for this account number, entry of the programmed password is always required.

Following successful entries of the above information, the system moves on to one of the three main working menus.

#### 5.2 Working menu selection

The following information appears in the upper part of each working menu:

- Value indicator with a set printing value (possible additional information: "HIGH VALUE"/"ATTN CREDIT")
- Date indicator with the set date, or simply "OFF" if the date is switched off (country- specific)
- Selected account number
- Set additional print cliché (dependent on system configuration / country-specific)
- Ad cliché status, e.g. Advertisement 2 (for switched on cliché no. 2) / Advertisement switched off

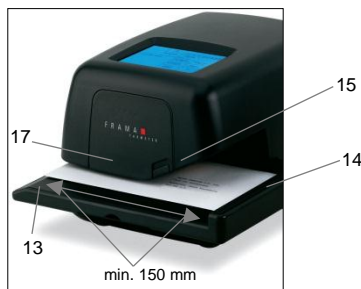
If you touch the value indicator display in the button field (upper right) when it is not in inverse type, you can move from one working menu to the next in the sequence given above.

## 5.3 Printing value marks

Using the Frama Tax Meter, you can proceed as follows:

### 5.3.1 Printing directly

All current formats to a maximum thickness of 6 mm can be printed as follows:



- Place the document on the feed table (13) and slide it along the table guide (14) up against the safety release (15).  
→ The document is automatically pulled under the printer mechanism (17), printed and ejected.

### 5.3.2 Printing self-adhesive labels

For document items thicker than 6 mm or formats having uneven surfaces, you can print self-adhesive labels on special paper.

## 5.4 Warning “High Value”

You can program an upper value limit in the Info/Setup menu (section 5.8.2 Setup menu information).

This prevents excessive values. If the programmed limit is reached or exceeded during a value setting, a “HIGH VALUE” warning appears in the value indicator field. The system then remains locked until the warning is acknowledged by pressing the value indicator field. Following the next value, the system is again locked. Press again to override.

## 5.5 “ATTN CREDIT” display \*

If the remaining credit falls below 25% of the total available credit after the last credit loading, an “ATTN CREDIT” warning signal appears in the value indicator field (only for countries having remote credit re-setting). See section 5.8.18 Loading credit (online) via F-Link to carry out a credit loading.

## 5.6 No credit loaded \*

If a value is set and there is insufficient credit (for countries having remote resetting), you will not be able to print. This condition is shown on the display with “No Credit Loaded

\* not available in every country

## 5.7 Stamping

### 5.7.1 Clichés switch-on/off \*

Where permitted, the advertising cliché can be switched off as follows:

- Press the "ADVERT. 2" button (2, for example, stands for an ad cliché number).  
→ Advertising message is switched off.  
→ "OFF" appears instead of "2".
- Press the "ADVERT. OFF" button.  
→ Advertising message is switched on again.  
→ "2" appears instead of "OFF".

See section 6. LOADING AD CLICHÉS \* for selecting another advertising cliché stored in the system.

## 5.8 System settings

Three Info/Setup menus are available to help you carry out certain system settings and understand the system information you need. The first two menus are available to all account numbers. The third menu allows special functions and thus can only be called up from the highest account number by the person responsible for the system. This also applies to certain functions of the second menu, which can also be selected only via the highest account number.

### 5.8.1 Entering/exiting menus

The three Info/Setup menus can be called up and exited from a working menu as follows:

- Press the "INFO/SETUP 1" button.  
→ Page 1 of the Info/Setup menu.
- Press the "INFO/SETUP 2" button.  
→ Page 2 of the Info/Setup menu.
- If you have used the highest account number, press the "INFO/SETUP 3" button.  
→ Page 3 of the Info/Setup menu.

By repeatedly pressing the "CE" button you can switch among the three pages within the Setup menu, to page 3, to page 2, and back to page 1, etc. You can exit the Setup menu from any page by pressing the "START UP" button and return to the "Start" menu for entry of the account number and password.

### 5.8.2 Setup menu information

The following information is displayed in the upper part of the three Setup/Info menus: Date and time

System information (in upper case formats at the left side):

- TOTAL: Total amount printed (non-reset- table counter)
- T-PCS: Number of printings (non-resettable counter without zero printing)
- R-PCS: Number of printings (resettable counter without zero printing)
- CREDIT: Credit remaining (country-specific)

**Account number** information (in lower case formats at the right side):

- Selected account number
- Value: Total amount printed (non-resettable counter)
- Rvalue: Resettable value counter
- R-Pcs: Number of printings (resettable counter without zero printing)

You can read information and make the following system settings on page 1 of the Setup menu:

### 5.8.3 Setting screen contrast

The screen contrast can be adjusted to the ambient light conditions as follows:

- Press the "SET CONTRAST" button.  
→ Menu field for contrast settings.
- Press the "+" and "-" buttons as required.  
→ The contrast increases or decreases. The setting is displayed in steps of 25 units.
- Confirm the setting with the "OK" button or abort using the "CE" button. In the latter case, the old setting will return when the system is switched off and then on again.

### 5.8.4 Button signal switch-on, switch-off

The acoustic signal you hear when you press a button can be switched on or off as follows:

- Press the "SIGNAL ON" or the "SIGNAL OFF" button.  
→ The button field will indicate the current state.

### 5.8.5 Setting the print date

For Tax Meter systems, the date and time are automatically updated each time the system is switched on. You can set the date in advance as follows (sequence is: day-month-year):

- Press the "CLOCK DATE" button.  
→ The date appears.
- Set the date desired using the keypad (you can correct entry errors with the "CE" button). Confirm with the "OK" button.  
→ The selected date is set and displayed in the Info/Setup menu as well as in the working menu.

**Important:** If you press the "CE" button twice after you have entered the date, the system returns to the Info/Setup menu with the previously set date.

**Don't forget to change back to the current date after you have finished using this changed date!**

### 5.8.7 Viewing the error list

Tax Meters have a self-diagnostic system where system or user errors are internally stored. Using the "ERROR LIST" button, you can view all the error codes on the screen. This allows service technicians to localise faults quickly, an aid in guaranteeing efficient maintenance service.

Touching the menu field containing the error list returns the system to the Info/Setup menu.

You can make the following system settings on page 2 of the Info/Setup menu:

### 5.8.8 Changing the ad cliché

Up to eight ad clichés can be permanently stored in the Tax Meter (see section 6. LOADING AD CLICHÉS \*). The ad cliché can be activated as follows:

- Press the "CHANGE CLICHÉ" button.  
→ Display of the first four clichés stored.
- To display further clichés, press the "NEXT PAGE" button.
- Touch the desired ad cliché and confirm by pressing the "OK" button.  
→ Returns to the working menu.  
→ The selected and activated ad cliché is displayed with its number (e.g. "AD 3").

### 5.8.9 Changing the password

If the password entry is activated (see section 5.8.12 Switching the password entry on/off), the password (a maximum 6-digit number code) can be changed after system switch-on and selection of the account number as follows:

- Press the "CHANGE PASSWORD" button.  
→ Information concerning the relevant account number.  
→ Request for new password.
- Use the keypad to enter the one to maximum six-digit password, correct any entry errors with the "CE" button, and finally confirm with the "OK" button.  
→ The new password is stored.

**Important:** If you press the "CE" button twice after you have entered the password, the system returns to the Info/Setup menu with the previously set password.

Using the highest account number of the person responsible for the system, the passwords of all account numbers can be changed. The relevant account number must have previously been selected, however, and verified with the "OK" button, whereupon the code stored up until now will be displayed. The code displayed can then be overwritten and confirmed with the "CE" button.

### 5.8.10 Zeroing account numbers

Value and unit counter of a cost centre selected in the Start menu can be reset to zero as follows-providing zeroing has been released (section

5.8.10 Zeroing account numbers):

- Press the "ZERO ACCOUNT" button.  
→ Menu with information about the account number to be zeroed appears.
- Press "OK" to confirm the zeroing.  
→ Zeroing is carried out.

**Important:** Using the highest account number for the person responsible for the system, several account numbers can be reset to zero simultaneously. The procedure after selecting the "ZERO ACCOUNT" button:

- Enter the lowest of the account numbers that are to be reset to zero. (Correct entry errors with the "CE" button.)  
Confirm with the "OK" button.
  - The account number entered is displayed.
  - The highest possible account number is displayed.
- Enter the highest number that should be reset to zero and confirm by pressing the "OK" button.
  - The selected account numbers are reset to zero.

### 5.8.11 Printing account number data on receipt cards

The following system and account number data can be printed on pre-printed data cards:

#### **Date and time System data:**

- TOTAL: Total amount printed (non-resettable)
- CREDIT: Remaining printing amount (country-specific)
- T-PCS: Number of prints (non-resettable item counter)
- R-PCS: Number of prints (resettable item counter)

#### **Account number data:**

- ACC-NO.: Account number
- T-Val: Total amount printed (non-resettable)
- R-Val: Total amount printed (resettable)
- R-Pcs: Number of prints (resettable item counter)

#### **Proceed as follows to print the data:**

- Select the "ACCOUNTS REPORT" button.
    - The menu for the account number selection appears.
  - Enter the lowest account number whose data should be printed out (correct entry errors with the "CE" button).  
Confirm with the "OK" button.
    - The account number entered is displayed.
    - The highest possible account number is displayed.
  - Enter the highest account number whose data should be printed out. Confirm with the "OK" button.
    - The account number entered is displayed.
  - Place a receipt card on the feed table.
    - The data is printed on the card.
  - Place further card on the table if needed.
    - The same account number data is printed on the second card.
- or:
- Press the "CE" button.
    - Returns to the menu for selecting additional account numbers.

**Important:** The data of a maximum of 12 account numbers can be printed on a receipt card. If the information of more than 12 is to be printed, the above procedure has to be divided into two steps (e.g. first card for account numbers 3 to 14 and the second card for account numbers 15 to 18).

The following system settings can only be carried out using the highest account number of the person responsible for the system because they involve special functions.

### 5.8.12 Switching the password entry on/off

Depending on your requirements, you can switch the password for account number access on or off as follows (does not apply to the highest account number of the person responsible for the system):



- Press either the "PASSWORD ON" or the "PASSWORD OFF" button.  
→ Password number entry is switched off or on, respectively.

### 5.8.13 Switching the idle time on/off

If the idle time is switched on, and there is no user activity on the system for two minutes, the system automatically switches back to the start menu for the account number entry. This is done for security purposes, to prevent printing with an incorrect account number.

If the idle time is switched off, and there is no user activity on the system for two minutes, the screen automatically goes dark to save energy. Touch the screen to reactivate it.

#### **Procedure:**

- Press either the "IDLE TIME ON" or the "IDLE TIME OFF" button.  
→ The idle time is switched off or on, respectively.

The following special functions can only be carried out at the highest account number on page 3 of the Info/Setup menu.

### 5.8.14 Zeroing the main item counter

You can reset the main, i.e. system item counter to zero as follows:

- Press the "ZERO RPCS" button.  
→ Menu field for zeroing the system item counter appears.
- Reset it to zero by pressing the "OK" button.  
→ Reset takes place.

**Important:** Use the "CE" button to exit the menu without performing the reset.

### 5.8.15 Releasing the zeroing of cost centres

The zeroing of individual cost centres can be released/blocked via the "CC clear" key as follows:

- "CC clear" key in "ON" position.  
→ Cost centres can be reset to zero in accordance with Point 5.9.11.
- "CC clear" key in "OFF" position.  
→ Cost centres cannot be reset to zero ("CLEAR CC" is not displayed).

### 5.8.16 Changing the "High Value" lock

The limit value for the "HIGH VALUE" warning can be arbitrarily programmed as follows:

- Press the "CHANGE HI VALUE" button.  
→ The current value appears.
- Enter the desired limit value using the keypad. (Use the "CE" button to make corrections to your entry.)  
→ Entered value is displayed.
- Confirm by pressing the "OK" button.  
→ Returns to the Info/Setup menu.  
→ The new limit is programmed.

If you **do not** wish to have any limit programmed, then enter "0.00".

### 5.8.18 Loading credit (online) via F-Link

Please refer to the attached leaflet "Online Remote Resetting".

## 6. LOADING AD CLICHÉS \*

Up to eight different ad clichés can be stored in the Tax Meter using a special Ad Cliché Loading Box (see 2). To program cliché pictures in a loading box, please contact your local Frama sales organisation. Cliché pictures can be copied from a loading box to a Tax Meter as follows:

- Switch off the Tax Meter using mains switch (3).
- Connect the loading box to the 25-pole interface (9).
- Switch on the Tax Meter.
  - The copy procedure runs ("Test Box" → "Copy Box").
  - The start mask for the account number entry is displayed.
- Switch off the Tax Meter mains switch (3).
- Remove the loading box.

**Important:** If more than eight ad clichés are required, then two loading boxes (e.g. each with eight clichés) can be used. However, only the clichés of one box can be stored in the Tax Meter at a time (each box overwrites the previous cliché memory).

## 7. MAINTENANCE

### 7.1 Changing the Ink Ribbon cartridge

Your Tax Meter is equipped with an ink ribbon cassette having variable ribbon advancement. This variable ribbon advancement optimises consumption of the roll if you do not use the date and/or ad cliché (where permitted by authorities) or additional print clichés. When you reach the end of the roll, the Tax Meter stops automatically. This operational state is indicated on the touch screen by "ribbon end – change cassette" together with an alternating bright/dark screen background. A repetitive, short audible signal also indicates this condition. To change the cartridge for a switched-on system (do not switch off!), proceed as follows:

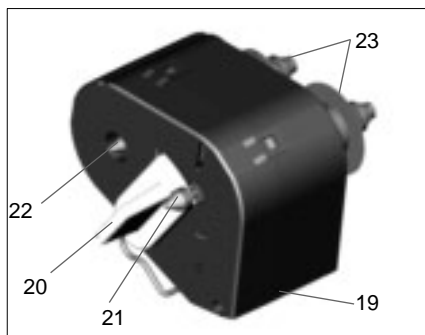
#### **Remove cassette:**

- Press door lock (12) up and open door (11).
- Turn cassette grip (20) to the right and down to the stop.
- Remove the ink ribbon cassette (19).

#### **Install new cartridge:**

- For the new cassette, remove the transport protection in accordance with the included instructions.
- Ensure that the cassette grip (20) is at the stop position, right and down (the ribbon must be tensioned).
- Carefully guide the cassette into the system with the coil openings (23) over axles (22).
- Turn cassette grip (20) to the upper left behind and past axle head (21) to the stop.
- Press door lock (12) up and close door (11).

- Touch the touch screen. → Question: "New cassette inserted?"
- Press the "YES" button.
- Colour ribbon is tensioned.
- Returns to the last-used working menu.



## 7.2 Changing the fuse

If the Tax Meter does not operate even though it is properly connected to the mains, and mains switch (3) is set to position "1", the first step to take is to change the fuse as follows:

- Switch off the Tax Meter by switching mains switch (3) on the rear of the unit to the "0" position.
- Disconnect the power cable from the mains connection (1).
- Press the release on fuse holder (2) and pull out the fuse holder.
- Remove the defective fuse from the holder and replace it with an equivalent fuse.
- Reinsert fuse holder (2) until it engages.
- Power up your Tax Meter.

**Important:** If your Tax Meter still does not function, contact the service technician of your local Frama office. Under no circumstances attempt to open the unit yourself. We cannot accept any responsibility for improper handling.



## 8. USER ERROR MESSAGES

You will see special messages on the screen for certain user errors. Before you can correct the error, you have to acknowledge it by touching the screen. The numbers in brackets that follow refer to section numbers in this document.

- **"High value not confirmed"**  
→ Acknowledge by pressing the value indicator field (5.4 Warning "High Value").
- **"Value in head and display unequal"**, i.e. you attempted to initiate valuing without first confirming the inverse value displayed in the value indicator field.  
→ Confirm the value by pressing the value indicator field (5.3 Printing value marks and 5.4 Warning "High Value").
- **"Final number zero necessary"**, i.e. the last digit of the value must be "0" (country-specific requirement).  
→ Enter a valid value with a "0" as the last digit (e.g. in the "Keypad" working menu).
- **"Final number 00,25,50,75 necessary"** for the last two digits of the value (country-specific requirement).  
→ Enter a valid value with the correct trailing digits.
- **"No credit loaded"** (in countries with remote credit resetting), i.e. you have attempted to print a value that exceeds the amount remaining in the machine. → Load credit (5.8.18 Loading credit (online) via F-Link ).
- **"Format too small"**, i.e. the document item does not meet the minimum requirements for size (does not interrupt the photocell under the printing mechanism).  
→ Use the correct format.
- **"Short letter block covered"**, e.g. a paper is already on the feed table when the system is switched on.  
→ Remove the paper.
- Pixel control display, i.e. rectangle with crosses and, after touching the screen, message "Error 405/406 – System Stop" appears, i.e. print quality has fallen below the internally programmed quality limit.  
→ Switch off the system and contact your local service representative.

**Important:** If you cannot eliminate the fault after carrying out the procedures recommended above, please contact your local Frama representative.

## 9. DISPOSAL / ENVIRONMENTAL PROTECTION

Packing, accessories and unit should be recycled in an environment-friendly manner. Please follow the relevant regulations in your country. To aid in recycling plastic components, they have been specially marked.

Please ensure that you have properly notified the relevant authorities before disposing of your equipment. Abide by the regulations of your local authorities and your local Frama sales organisation.

## 10. SPECIFICATIONS / ACCESSORIES

• Capacity:	Up to 3000 prints per hour
• Max. paper thickness:	6 mm
• Screen:	Touch screen (9.5x7.3 cm)
• Printing technology:	Thermo transfer
• Ink ribbon	1200–3600 prints cassette: dependent on the number of clichés used.
• Electronics:	Microprocessor controlled

### Electrical data

• Voltage:	230 V/50 Hz	110 V/60 Hz
• Nominal current:	0.6 A	1.2 A
• Consumption:	140 W	140 W
• Fusing:	1.25 A slow blow	2.0 A slow blow

### Dimensions

• Depth:	330 mm
• Width:	257 mm
• Height:	175 mm
• Weight:	6 kg

### Accessories:

- Mains cable
- Ink ribbon cassette
- Voltage Operating Instructions

### Attention:

Envelopes made from laid or similar type of paper are not suitable. If you do use these types of formats please print your value on a label and not directly on the document.

## **11. EC-Declaration of Conformity**

**in accordance with the EEC low-voltage directive 2006/95/EG in accordance with appendix III B; of December 2006**

Hereby we explain that those corresponds to below designated products in its conception and design as well as in circulation the execution the fundamental safety and health requirements of the Community directive low-voltage brought by us. In the case of a change of the product not co-ordinated with us this explanation loses its validity.

### **Manufacturer:**

Frama AG  
Dorfstrasse 6  
CH-3438 Lauperswil

### **Description of the electrical equipment:**

Product name: Tax Meter  
Type: Tax Meter System


### **The agreement with further valid guidelines/regulations following for the product is explained:**

EMC Directive (2004/108/EG) of December 15, 2004

### **Reference to the harmonised standards:**

EN 60950-1:2006/AC: 2011  
  
EN 55014-1:2006 + A1:2009 + A2:2011  
EN 55014-2:1997 + A1:2001 + A2:2008  
EN 55022:2010  
EN 55024:2010  
EN 61000-6-1:2007  
EN 61000-6-3:2007 + A1:2011  
EN 61000-3-2:2006 + A1:2009 + A2:2009  
EN 61000-3-3:2008

Lauperswil, November 11, 2013



Thomas P. Haug  
CEO

F R A M A ■