

TAX METER TM2100

Secure - fast - reliable. The Frama Tax Meter TM2100 provides access to all modern methods of stamp duty collection. A well-thought-out solution.



FRAMA TAX METER TM2100: A CONVINCING SOLUTION FOR ANY KIND OF TAX APPLICATION.

The Tax Meter TM2100 guarantees secure, efficient and convenient handling of taxes, fees and fiscal items at all times and in a wide range of applications.

Ensuring that tax documents are stamped correctly and that the fees charged are recorded and stored securely is an essential task for governmental departments, authorities, financial institutions and judicial bodies, etc. Moreover, this procedure needs to be carried out in the most efficient way possible, i.e. with minimal manual effort required. This

is where the Tax Meter TM2100 offers the perfect solution. The user-guided process enables the relevant values to be selected and the documents subsequently stamped in next to no time. Even more importantly, the fees charged are automatically recorded and securely saved in the Tax Meter TM2100 straight away. There is also a clearly defined procedure for loading

credit onto the tax meter. This makes it possible, at any point later on, to trace precisely when and how much credit has been loaded onto each individual tax meter and subsequently used, with the data broken down into predefined cost-centres.

HIGH USER COMFORT

The large touch-screen control panel guides users intuitively through the various steps involved in configuring and operating the device. The most frequently used fiscal values can be selected at the touch of a button thanks to the freely programmable OneTouch keys. Password-protected cost-centres allow easy recording of tax values according to user, type of fee or time period. The special document detection mechanism with a photocell on the large feed table enables quick and convenient stamping of documents in a wide range of format sizes and thicknesses. During this process, the documents are automatically fed under the printing unit and then automatically ejected again after they have been stamped. What's more, the value stamp is always printed in the exact same place on each document. Even the thermal ribbon cassette can be changed in a few simple steps.



User-friendly display

The large touch-screen guides users quickly and reliably through the various menu stages. Users can pre-programme the OneTouch keys for frequently used fiscal values so they can be selected again later on at the touch of a button.



Easy-to-change ink ribbon cassette

Empty thermal ribbon cassettes can be removed in a straightforward process and new ones inserted just as easily. It doesn't get any quicker or simpler than this!



SECURITY ABOVE ALL

When it comes to security, the Tax Meter TM2100 leaves nothing to be desired. User access and the cost-centres are both password-protected, while the automatic date change function ensures that the right date (and, optionally, time) is always printed. The “high-value warning” limit, which can be set by the user, prevents excessively high tax values from being accidentally printed. Non-resettable total registers enable the total number of stamped documents and the total fee amount used to be read off and printed out at any time.

Special meter default settings can only be made or altered via a separate, password-protected cost-centre, while photocells on the feed table ensure that every value stamp is printed in exactly the right place. Thermal printing ribbons can be used in either non-fluorescent or fluorescent red to identify false copies, in blue to ensure that data matrix

content can be read off reliably, or in two-tone fluorescent red and blue. Particular attention has been paid to data protection, with totals, cost-centre data and credit loadings saved six times on a special security card. When the card is removed from the stamping device, it is blocked from any further use. The data cannot be read or edited from outside via the device interfaces. Special precautions have also been taken to ensure that credit is loaded onto the device securely in both the offline and the online modes.



Reliable value-printing

Photocells on the large feed table guarantee that all prints are always perfectly positioned on the documents. This also ensures that only stamping operations that have actually been carried out are recorded by value and unit in the stamping device’s memory.



Clean stamp printing

Thermo-print technology is used to ensure smear-free stamping, which can be printed in red, fluorescent red, blue or a two-tone mixture of blue and fluorescent red. Fluorescent red enables any false stamps to be identified under UV light. Blue ensures that data matrix content can be read reliably with the help of scanning devices.



Protected data memorisation

All relevant data is stored six times on a special security card in two RAMs with three memories each. The data cannot be accessed via the device interface, making it impossible to manipulate it. The security card is also protected from unauthorised opening thanks to two lead seals.

TM2100 STANDS FOR INTELLIGENT STAMP DUTY PRINTING

- Up to 3000 prints per hour
 - Automatic insertion and ejection of documents
 - From 60 g / m² light up to 6 mm thick documents printable
 - Thermo-print technology for clean and smear-free stamp printing
 - Large, user-friendly touch-screen
 - 9 (alternatively 18) OneTouch keys for frequently used fiscal values
 - 10 (optionally 20 or 50) pin protected user / departmental accounts
 - Resettable and non-resettable meter and account registers
 - Automatic date and time change function
 - User-programmable high-value warning
 - Silent operation - only 54 dB (A)
 - Meter housing with lead seal against tampering
 - Economic offline credit loading with reset report printouts.
Or: Online remote loading including loading and statistics reporting
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QUALITY - CERTIFIED

Frama exports its products to more than 50 countries around the world. All products and services meet strict international standards.

This is guaranteed by the corresponding certificates, which are issued by independent testing organisations following verification in the course of regular audits.

- **ISO 9001:** Quality Management System
- **ISO 14001:** Environmental Management System
- **OHSAS 18001:** Occupational and Health Protection Management System
- **ISO 27001:** ISO 27001 certificate in compliance with IT baseline protection
- **FIPS 140-2:** Security Requirements for Cryptographic Modules



Secure offline credit loading

For offline credit loading, a credit loading box with a special PIN code is required to activate the credit loading program in the device. This prevents unauthorised credit loading.



Proof of credit loading

Before any further tax stamping can be carried out, a credit loading report must be printed out directly from the device in the offline version each time credit is loaded. The report printout shows all the relevant loading and meter data, including the date and time, thus providing clear documentation for auditing purposes.

CREDIT LOADING ADAPTED TO YOUR NEEDS

The following two options are available for loading the tax meters used country-wide:

1 Economic offline-loading of each meter by means of a special credit loading box with a credit loading print-out, including meter register details, produced directly from the tax meter. Important to know: Tax meters used in the offline-loading mode can later be upgraded to the credit loading method via FramaOnline2. This ensures the protection of the original investment made.

2 Centralised online-loading via LAN Ethernet lines in connection with a FramaOnline2 server system provide detailed loading and stamp print statistics of all meters used country-wide. This entirely automated way of remote credit loading provides high auditing levels including the online download of meter firmware and print stamp details into all meters in operation.

Most important: In combination with the special security card to memorise all stamp prints and meter loadings, both credit loading versions guarantee the highest security levels against the potential misuse of tax meters in their daily use.

