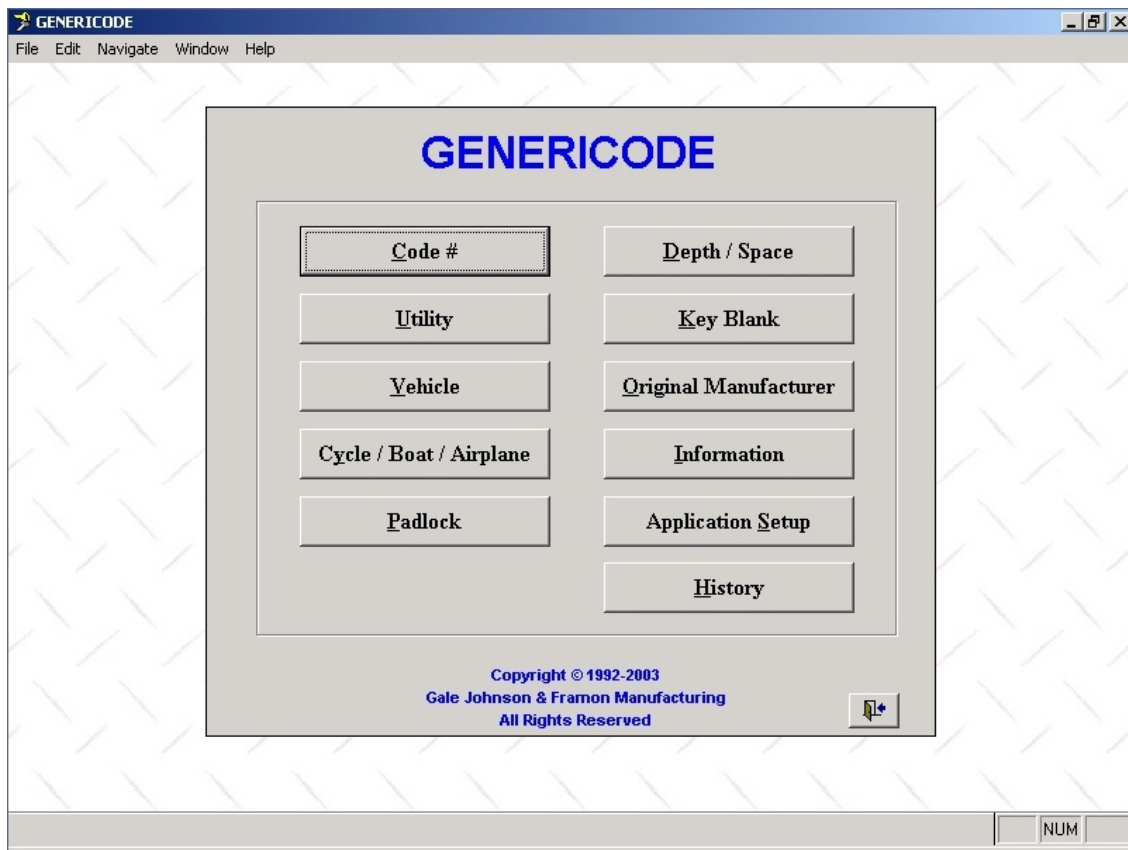


# Genericode Me™

## Instruction Manual



Instructions for use with FRA-2001 Code Machine begins on page 9.

Software installation instructions begin on page 3.

## DISCLAIMER

The Genericode™ Computerized Code System consists of all available key codes for pin-tumbler, lever and wafer type locks used on automobiles (both foreign and domestic), file cabinets, drawer locks, desk locks, vending machines, night latches and many other types of locks used for commercial and residential applications.

We do not claim that this program is 100% complete or without error, nor do we represent these codes as original factory codes. Where the names Yale, Corbin, Briggs & Stratton, etc. appear, we merely list these names to indicate the type of lock on which we have found certain key code series used.

The sale of this program is restricted to security professionals who guarantee to make proper use of it in their regular profession of locksmithing. We reserve the right at any time to refuse the sale of this software program to any person, firm or corporation whose use of this program we might question.

## COPYRIGHT STATEMENT/LICENSING

All rights reserved. No part of this program may be reproduced or transmitted in any form or by any means, electronic or mechanical, or any information storage and retrieval system now known or to be invented, without permission in writing from the publisher. Use of the Genericode™ program is restricted to **ONE REGISTRANT and ONE COMPUTER**. You may install the program on additional computers owned or leased by your company at your own risk. Any duplicating will be prosecuted. Problems arising from unauthorized duplication on additional computers are the sole responsibility of the purchaser.

## RETURN POLICY

All opened software is non-returnable.

## UPDATE INFORMATION

Genericode 4 is the third release of our windows program. As with any software program, there will be errors and bugs in the program that we have not located as of yet. We have established a web page, [www.framon.com/gcodeme.html](http://www.framon.com/gcodeme.html), to keep owners up-to-date with program changes. Please note that code updates will not be available from this site, as there is a yearly charge for them. We will send out postcards yearly (usually in February or March) to notify you when a code update is ready.

## OUR THANKS!

Thanks for purchasing Genericode Me! Whether you are upgrading from the DOS version or starting fresh with our program for the first time, we are confident you will find the program a valuable asset to your business.

Genericode is made up of eleven different “programs within a program”. Each will be briefly described below.

### **SUPPORT SERVICES**

Support for Genericode Me can be attained in a variety of ways. You can contact Framon Manufacturing Company at (989) 354-5623. We are open from 8:00 am until 4:30 pm Eastern time, Monday through Friday. You can also e-mail us at [gcode@framon.com](mailto:gcode@framon.com). We will need to know what version of the program you are running, what operating system, and exactly what was done to cause the problem. You should be in front of the program on your computer when calling. If you are reporting an error, it is useless to report it unless you can give us the information above in detail.

### **INSTALLING GENERICODE ME**

To install the program, place the enclosed CD-ROM in your drive. Click on the Start button and select “Run...” In the dialog box, type “D:SETUP” (no quotes). The install wizard will begin. Click through the menus to install the program and click “Exit” when done. We suggest you accept all default directories for proper program operation. The install program will place an icon on your desktop to “Genericode 4”. Double click the icon to start the program.

### **GENERICODE ME COMPUTERIZED CODES**

This code search program can access thousands of code series. Due to security precautions undertaken by hundreds of lock companies, code series have few standard conventions. Numbering systems for code series can be quite involved. For example: Ford 10 cut codes requires combining cuts from two code series. Code series may also have identical code numbers and key blanks, but different key cuts.

To reduce duplicate code occurrences as much as possible, the code index for this program has been divided into sections: Utility Locks, Vehicle Locks, Padlocks, Illinois/Chicago Double-Sided Keys, and Pre-'60s Autos. Code number and lock usage (i.e.: utility or vehicle) should be known before using this program. A search by all types can be chosen if lock type is unknown.

Once key code and lock usage information have been entered, the code system will display all code series on file that meet the criteria. In a majority of cases, less than a full screen of code series choices will be displayed. If there are more code series than will fit on your screen, use the scroll bar on the right side of the list to show the other possibilities.

### **ERROR REPORTING**

We would appreciate hearing of any suspected errors in the program. There are over 8,000 code series that have been checked in one form or another, but no program is ever 100% complete. The easiest way to report an error is to send us e-mail to [gcode@framon.com](mailto:gcode@framon.com). Indicate which version of the program you are using and what you

did to determine the error. We will attempt to validate your findings and put a correction in the following years' program.

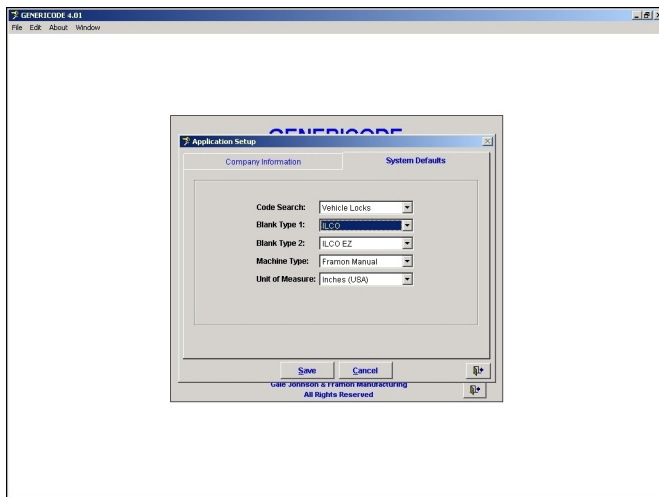
## CODE PRINTOUT UNIFORMITY

Genericode™ key codes have been collected over a period of 70+ years. Many code series are used as frequently today as they were decades ago. It is not always a simple process to decide which depth numbering system the manufacturer originally intended. In some cases code series using common key blanks have appeared in codebooks with varying depth-numbering systems. Some code series have also been printed with cuts reading tip to bow. In an effort to standardize the majority of Genericode™ computerized key codes, **all series have been changed to bow to tip print-outs and have depth numbering systems of lowest number being highest cut.** Depth numbering systems have also been changed in some instances to conform to factory standards. Genericode™ computerized code numbers may vary occasionally with numbers appearing in printed code books, but the resulting key cut by code should be identical in both cases.

## HOW CODE NUMBERS CAN BE ENTERED

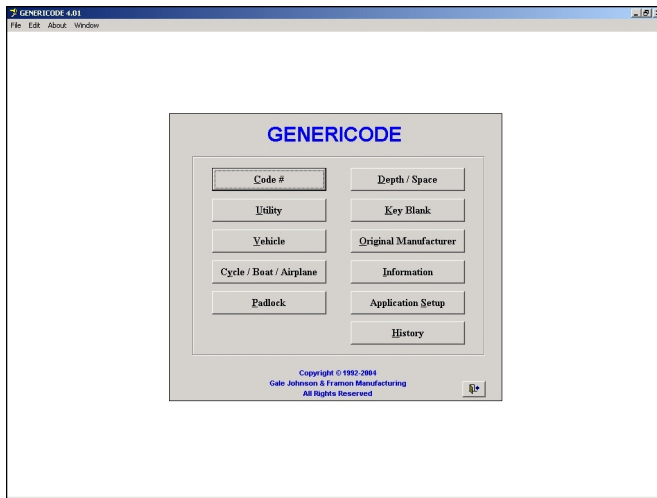
A key code can be entered exactly as it appears. Examples: 1A23, 142A, 132 or A145. Any combination of numbers or letters and numbers will be accepted for searching. Letters can be entered in upper case or lower case. Code numbers containing zeros as a prefix to the actual number should be entered with the zeros for most accurate retrieval. If you are looking up a General Motors code of 2A02, you should type it in exactly as it appears on the lock. The computerized code search is only as good as the information entered. A code such as SS809 could also be read upside down as 608SS. Some automotive code series are printed on the original invoice with letter prefix omitted. Example: Nissan code X5678 may be on an invoice as 5678. In all known cases, the Genericode™ index contains dual references for these codes. Note: Due to variations in ward cut locations, some flat key codes do not display ward cut locations.

## APPLICATION SETUP SCREEN



The first time the program is used you should enter the Application Setup screen and enter your company information. You can also choose whether to have your company information shown on the top of the printouts in the program. The next tab will allow you to choose your default key blanks, code machine, and whether to display measurements in inches or millimeters. Be sure to click the “Save” button on the bottom of the window to retain your information.

Note: If you have Genericode connected to our FRA-2001 Code Machine, you will have an additional Setup button next to Framon Automatic. See page 10 for details.



## OPENING SCREEN

The opening screen of the program allows you to choose which area of Genericode you wish to use. You can either use the mouse and click on a button or use the “Alt” key by holding it down and pressing the underlined letter of the section you wish to access. To exit from Genericode, click on the bottom right icon.

A brief explanation of each section of the program will follow.

## START MENU SEARCHES

**CODE #** - Input a known code and select the type of lock; utility, vehicle, padlock, antique auto or Ill/Chg double-sided, and click “Search”. Selecting the type of lock will narrow the search down. Once you have clicked on the desired series, click on “View Key Data”. The key cutting information will be shown. You can exit back one screen to the previous list & select another series if you chose the wrong series.

**UTILITY** - Finds list of code series for each OEM manufacturer (i.e. HON, Steelcase). Choose from a list of over fifty popular OEM manufacturers or type in an unlisted name.

**VEHICLE** - Search for key codes, model and year. Includes information for every popular car sold in North America from 1980 to 2004.

**CYCLE/BOAT/AIRPLANE** - Search for key codes by name of cycle manufacturer.

**PADLOCK** - Lists all individual code and combination series available for popular foreign and domestic padlock manufacturers.

**DEPTH/ SPACE** - A Depth/Space program is integrated into Genericode™. Searches can be made by card numbers used by major key machine manufacturers or by lock types such as commercial, domestic auto, utility lock, flat key, etc. There are fourteen categories containing over 1000 separate depth/space charts. If you are using the program

with a Framon FRA-2001 Code Machine, this button will read “Manufacturers” and the Framon Depth & Space Manual will be accessed.

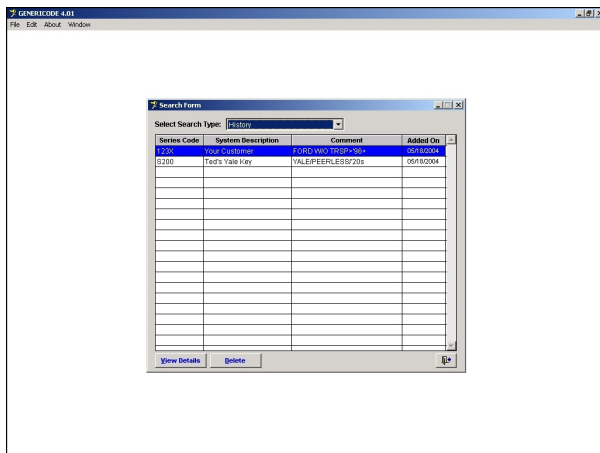
**KEY BLANK** - Search for all code series used by a given key blank. Numbers from most popular key blank manufacturers can be input for searching.

**ORIGINAL MANUFACTURER** - Displays lists of code series for each lock manufacturer. Choose from a list of over fifty popular domestic and international companies or type in an unlisted name.

**INFORMATION** – The information section contains a complete database of industry manufacturers, distributors, schools, as well as editorial index for the Locksmith Ledger.

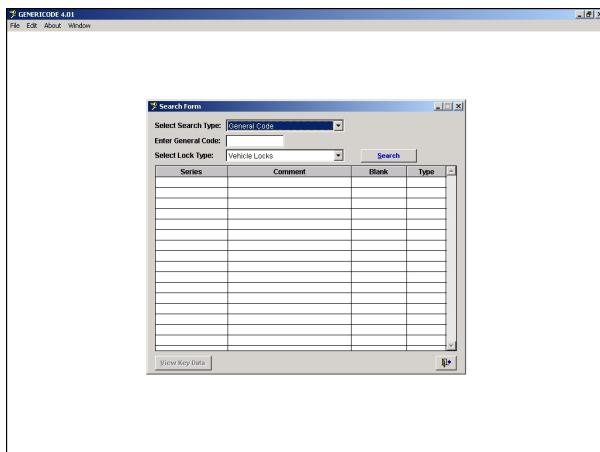
**APPLICATION SETUP** – Setup your company name to appear (or not appear) on printouts, input your preferred code machine, type of code search, key blank manufacturer, unit of measure. For 2004 you can select two different default key blanks.

## HISTORY



Use the History button to access your history database. After looking up cuts for keys in the code searches, you can save your customers information in the database for later recall. Simply click on the “Add To History” button and add a comment to the record. It will be accessible by going to the “History” section of the program, where you will see a sorted list of previously saved records.

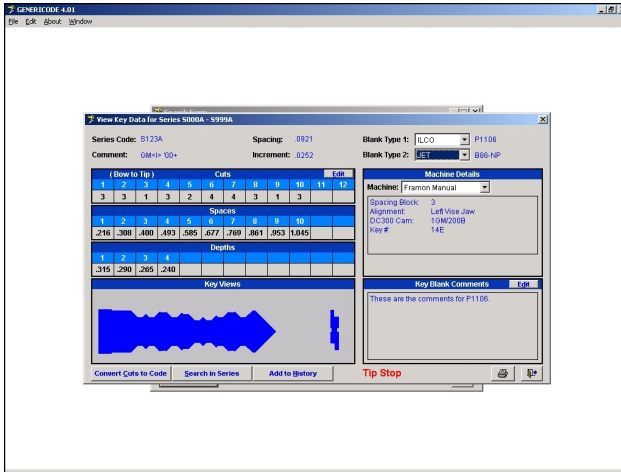
## CODE # SEARCH



The search screen allows you to enter a code number and retrieve possible matches. At this screen you can also choose a different type of search (utility lock, vehicle, etc.) by using the top drop-down menu. To search for a code, simply type in the code, choose what type of lock you are looking for, and click on the “Search” button. The program will return any matches it finds. Highlight the proper series with your mouse and select “View Key Data”. You

will be taken to the Key Data Screen shown below.

## KEY DATA SCREEN



The key data screen will normally be the final screen you reach through one of the sections of the program. This screen shows all of the key cutting information needed to generate a key. From this screen, several other options are available.

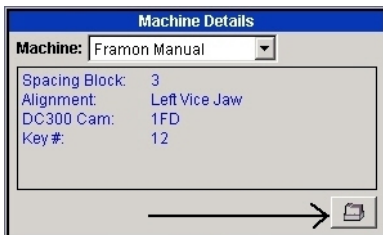
**Convert Cuts to Code:** If you know cuts for a key in this series, enter the cuts, along with dashes for the unknown cuts, and the program will scan the series for all possibilities. After the search, the program will list

any keys (with code numbers) that match what you entered. You can also view a progression chart by clicking the adjacent tab on the top of the screen. The progression chart can be printed out for your convenience.

**Search in Series:** If you would like to search for another code in this series, click this button and enter the next code number. The program will display the code for the number you entered.

**Add To History:** Click this button to add information about the key to the History database for later retrieval.

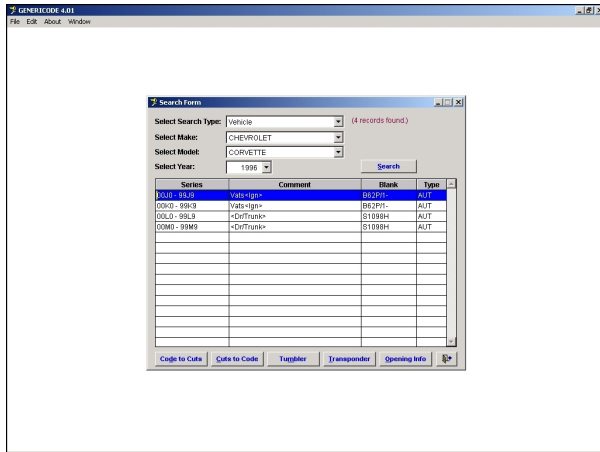
**Change Key Blank Displayed or Key Machine:** Drop down lists are shown for the key blank number as well as the key machine section. Change the displayed information by clicking on the arrow next to the list and selecting your desired option.



**Create A Card For The 1200:** Click on this icon to create a card for the HPC 1200CM/CMB machine if you do not have a card available.

At this screen you may also print out the information by clicking on the printer icon, or exit the screen by clicking on the door icon in the bottom right corner. If you wish to change the key blank shown or information for a different key machine, you may do so by dropping down the selection menu and changing the entry.

## VEHICLE SEARCH SCREEN



You can search for a code series for a vehicle by entering the make, model and year from the menus shown. Once selected, click “Search” to display the possible code series. Select the series you wish to do your search for and select “Convert Cuts to Code” if you know the cuts for the key (or partial cuts) and wish to determine the code for the lock, or if you need to progress cuts. Select “Convert Code to Cuts” if you know the code and wish to display the cutting information.

Transponder and tumbler information can be attained by clicking on the respective button. A small text box will open up and display the information.

New for 2004 is the vehicle opening information. Click on the “Opening Info” button to display a three-tiered page showing door illustration, linkage type, and tool description.

The Utility, Cycle/Boat/Airplane, Padlock, and Original Manufacturer searches work in the same way as the Vehicle search shown above.

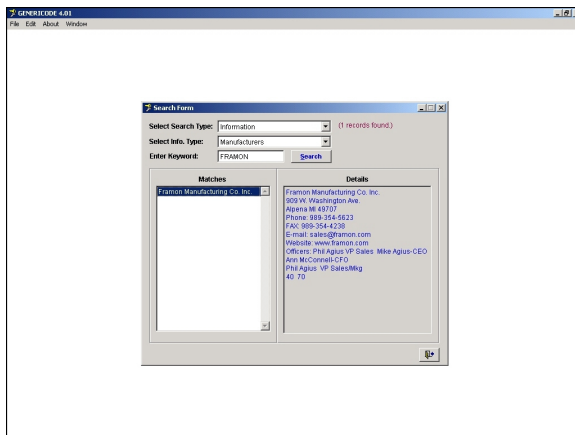
## KEY BLANK SEARCH

The key blank search allows you to enter a key blank and blank manufacturer and determine which code series the blank is used with.

## DEPTH & SPACE SEARCH

Depth & Space information can be easily obtained. Select a category and sub-category from the menu and click “Search”. All possibilities will be shown in order of blank number. Select a series and click “View Details” to show the cutting information.

## INFORMATION SCREEN



If you need to find an industry-related company, Genericode Me has a built-in directory of manufacturers, distributors, associations, schools, and editorial. Simply enter the information type you are looking for (manufacturer, distributor, etc.) and type a few letters of the name. All matching possibilities will be shown to the left. Selecting one of the possibilities will display the full company information on the right.

## **USING GENERICODE-ME™ WITH AN ITL MACHINE**

You may access individual codes using the same procedures required for the standard screen printout format. When code cuts and depth/space information are displayed on screen, "Cut Key" will appear at the right of the screen. Click on the button to send remote table data to an ITL machine. Remember, you must set "ITL" as the default code machine and set the correct COM port for proper machine operation.

Information is sent by the Genericode-Me™ Computerized Codes program using the remote table data format. Depths, spaces, flat width, and key cuts plus all other necessary data are automatically sent. Correct jaw insert number will be displayed. Install proper insert and tighten key blank in ITL vise jaw. Press "cut key" on ITL machine to start key cutting procedure. If you need to contact ITL for any problems, their contact information is:

ITL Tools Ltd.  
Phone: (604) 852-8904  
Fax: (604) 852-8938

## **FRA-2001 COMPATABILITY**

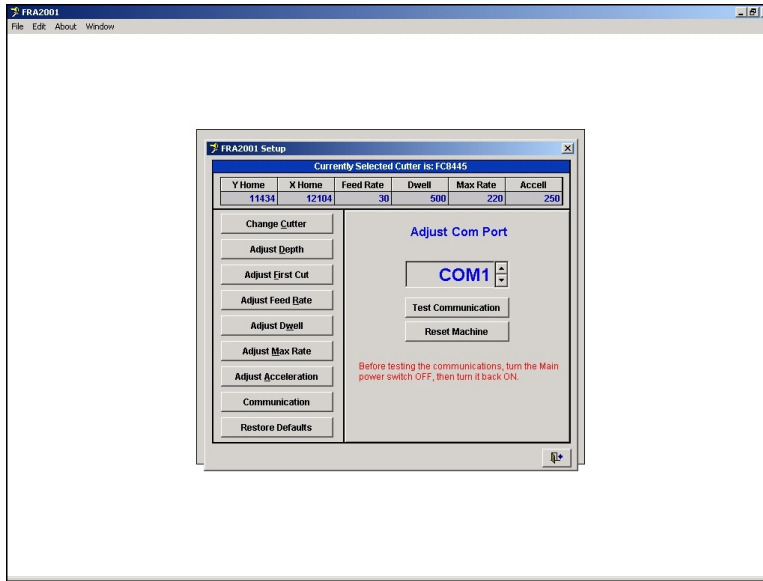
Genericode Me has been modified to run the Framon FRA-2001 code machine. If you have the FRA-2001 machine, Genericode will take the place of your machine control software originally supplied with the machine. If you do not have an FRA-2001 machine and would like to try one out, we offer a demo program with which you can use a machine for up to two weeks to determine if it would be an asset to your company. For more information, contact Framon at (989) 354-5623.

Be sure when you order updates that you indicate that you have the FRA-2001 code machine, as each disk must be custom burned with your X & Y settings for your machine. You should indicate your serial number when purchasing future updates.

Be sure to set "Framon Automatic" as the default key machine in the Application setup section. Clicking on the "Cut Key" button at the key view page will send information to the FRA-2001 to cut the key shown on the screen.

You can access the settings page directly from the key view page or from the Manufacturers page by clicking on the "Settings" button. The setup page is also accessible through the Application Setup page, where you can click "Setup".

## SETUP SCREEN FOR THE FRA-2001



Setting changes to the FRA-2001 can be made at the Setup Screen.

Here you can change cutter, change machine travel speeds, adjust depth & spacing, and check communications.

All machine adjustments are made through the Machine section. Your machine has been preset with the following settings:

Y HOME: \_\_\_\_\_ X HOME: \_\_\_\_\_

FEED RATE:   22   DWELL:   500  

MAX RATE:   220   ACCELL:   250  

These settings should be shown in the status bar near the middle-top of the screen. When you loaded your software, these numbers settings were written to your computer system. You may change them at your discretion, but we have found these numbers to provide best overall performance and cutter life.

### *Changing the Cutter*

**NOTE:** Framon has a simple convention regarding cutter specifications. All of our standard cylinder cutters begin with the letters “FC”, our carbide slotters begin with “DBC1”, and our high-speed steel slotters begin with “FFS1”. For cylinder cutters, the first two numbers identify the angle (in a five digit number, the first three numbers are the angle), and the last two numbers identify the flat width. For example, our Schlage cutter is an FC10031 – 100-degree angle, .031” flat. For carbide & high-speed steel slotters, the last three numbers identify the width of the cutter. For example, FFS1045 and DBC1045 are both .045” flat slotters.

To change the cutter, click on the “Change Cutter” button. The cutter change window will appear. Select the cutter you wish to use by scrolling up or down the list and double-clicking on it. When selected, a second screen will appear. Follow the on-screen instructions to advance the spindle and turn off the spindle switch. Use the provided allen wrench to remove the cutter and install the desired cutter. Retract the spindle and turn the spindle switch back on.

**NOTE:** The FRA-2001 software keeps a separate profile for each cutter. Also, the machine utilizes the same cutters as our #2 Code Machine. When you change to a different cutter for the first time, test cut a key to determine if the spacing and depth are correct. If they are not, use the Adjust Depth and Adjust First Cut (detailed below) to make changes to the cutter settings. Once done, the machine will switch settings for each cutter as you install it on the machine. For example, if the machine cuts properly for the FC8445 cutter and you switch to the Schlage cutter, test cut a key. Measure the key with dial calipers – if the key is .002” shallow, adjust the settings until it cuts properly. When you switch back to the FC8445 cutter, the program will change the settings back to those for that cutter. When you reinstall the Schlage cutter, the machine will again automatically change the settings to reflect to .002” difference.

The program will also track the number of keys cut with each cutter. In the right column, “Keys Cut” is displayed. If you replace or re-sharpen the cutter, you can reset the number of keys cut to zero by clicking on “Clear Keys Cut” at the bottom of the window.

#### *Adjusting Depth & First Cut*

If you ever need to adjust the machine with regards to depth or spacing, click on the “Adjust Depth” or “Adjust First Cut” buttons. The right panel will switch to a counter with up & down arrows. Click the up arrow on Adjust Depth to cut deeper or on Adjust First Cut to cut more towards the bow of the key. Use the down arrow to cut shallower or more towards the tip. Each click of the mouse adjusts the machine .001”. All changes are instant – you do not need to save the changes to set the machine.

#### *Adjusting the Feed Rate*

Click on the Adjust Feed Rate button to change the speed at which the cutter feeds into the key. You will notice in cutting a key that the cutter head moves out and momentarily stops, switches speeds, and begins making the cut. The speed at which it makes the cut is the feed rate. Changing the feed rate is similar to adjusting the depth & first cut. Click on the Adjust Feed Rate button and use the up & down arrows on the screen to change the speed.

#### *Adjusting the Dwell*

Dwell is the amount of time the cutter stays at the root of the cut before moving to the next cut. We suggest that you leave the dwell at the pre-set number in your program.

#### *Adjusting the Max Rate*

Max Rate is the fastest speed that the machine travels to and from the cutting position. Again, we suggest leaving the max rate at the original setting.

#### *Adjusting the Acceleration*

Acceleration is the speed at which the machine goes from dead zero to the max rate. Since the travel of the machine is so short (only about four inches), no appreciable difference will be noted in changing the acceleration.

### *The Communication Section*

The Communication section is rarely used once the machine is in place and operating. Communication is a diagnostic tool to determine if the machine is “talking” to the computer. To check communications, click on the Communication button, select the COM port you are using on your computer, and click on the “Test Communications” button. The red status bar will tell you if the machine is making contact with the computer. If it is not, cycle the machine’s Main power switch to off for five seconds, turn the machine back on, and retry the “Test Communications” button. If the machine will not respond, it is typically an incorrect COM port selection.

If the machine ever begins making a “thumping” sound when you are trying to cut a key, it is usually due to the machine traveling beyond its’ home position. This can be remedied by clicking on the “Reset Machine” button and following the instructions. The vise will move to the left a small distance and the cutter will come forward a small distance. The machine will then reset itself. After the machine is done moving, it should be ready to cut keys.

The “Restore Defaults” button will reset the machine to its original settings. Use this cautiously, as it will reset ALL of the cutting wheels back to original!

### *The FRA-2001 Key Vise*

The FRA-2001 has a reversible vise for cutting different types of keys. You will notice that one side of the vise has a pair of “dots” on the top. This is referred to in the program as the DOT side of the vise. The program will prompt you to use it when very deep cuts are to be made on the key. To reverse the vise, loosen the T-knob and lift the vise straight up. Rotate the entire vise 180° until the vise snaps into place. At Framon, we also run a full time locksmith shop and have found it easiest to keep the vise on the DOT side at all times. If a key tips in the vise, use a brass shim or paper clip to hold the key straight.

### *Replacement Parts & Machine Maintenance*

Your FRA-2001 Code Machine requires very little in the way of replacement parts or machine maintenance. The only replacement parts are the key stop, which aligns the top shoulder of the key, used for most keys that have a top shoulder. Occasionally, you will forget to flip the stop back and the cutter will come in contact with the stop. The part number for the stop is F2MS552.

The key vise may need to be changed over time due to contact with the cutter from using the wrong side of the vise. The part number is CNCMS060.

We do offer a second vise for the machine if you do a high volume of interchangeable core or Medeco KeyMark keys. The vise is milled out specifically to hold the various keyways without tipping, as well as Kaba Peaks keys. The part number is CNCMS050.

The only maintenance needed for the machine is a good cleaning. Chips can enter into the cutter cavity and will drop underneath the machine. Move the machine to the side and vacuum up the chips regularly.

If you have any questions on your key machine or Genericode Me, feel free to contact us.

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