USER MANUAL

RECIPE Utility Software for MCT 1302

PAVONESYSTEMS

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Rel ID 19290402 SW 1.0.6

WARNINGS

READ this manual BEFORE using the utility software.

FOLLOW these instructions carefully.

SAVE this manual for future use.

CAUTION

The installation and maintenance of this software must be allowed to qualified personnel only.

Be careful when you perform inspections, testing and adjustment with the instrument switched on.

Not observing these precautions, you may be tampering with the operation of the plant where it is connected.

DO NOT allow untrained personnel to work, or tamper with the instrument configurations in which the software is online.

INTRODUCTION

This utility software is used to read and program, in local or remote, recipes data of the MCT batch, via the USB connection.

The software works with all PCs equipped with Windows XP or higher. Minimum dsplay resolution 1024 x 768.

The main functions of the software allow you to:

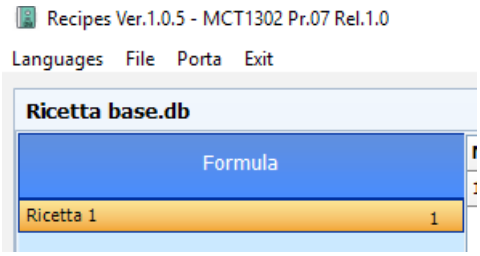
- Activity input
- Recipes input
- Back up the data by saving them in a file on PC
- Restore previously data saved on PC

INSTALLATION

Double click on the RECIPE.exe file to start the installation program.

OPERATION

Power On the MCT 1302 instrument, connect it to the PC via the USB port, and start the RECIPE program. A screen will appear showing the software release of both the Recipe Program and the MCT 1302 instrument.



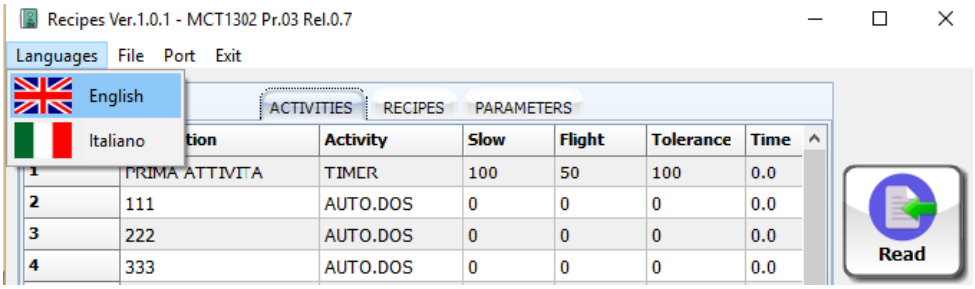
MENU

The menu consists of 4 items:

- Languages (allows you to select the language of the user interface, English or Italian)
- File (select the database name to use)
- Port (select the serial port used)
- Exit (exit the application)

LANGUAGE SELECTION

It is possible to select the languages (italian or english) from Languages menu, as shown below.



DATABASE

The database is created in Sqlite3 format, this allows other sources to be able to read and write in the database, to be able to use it with other software.

The database consists of 3 tables:

- Activities
- Recipes
- Parameters

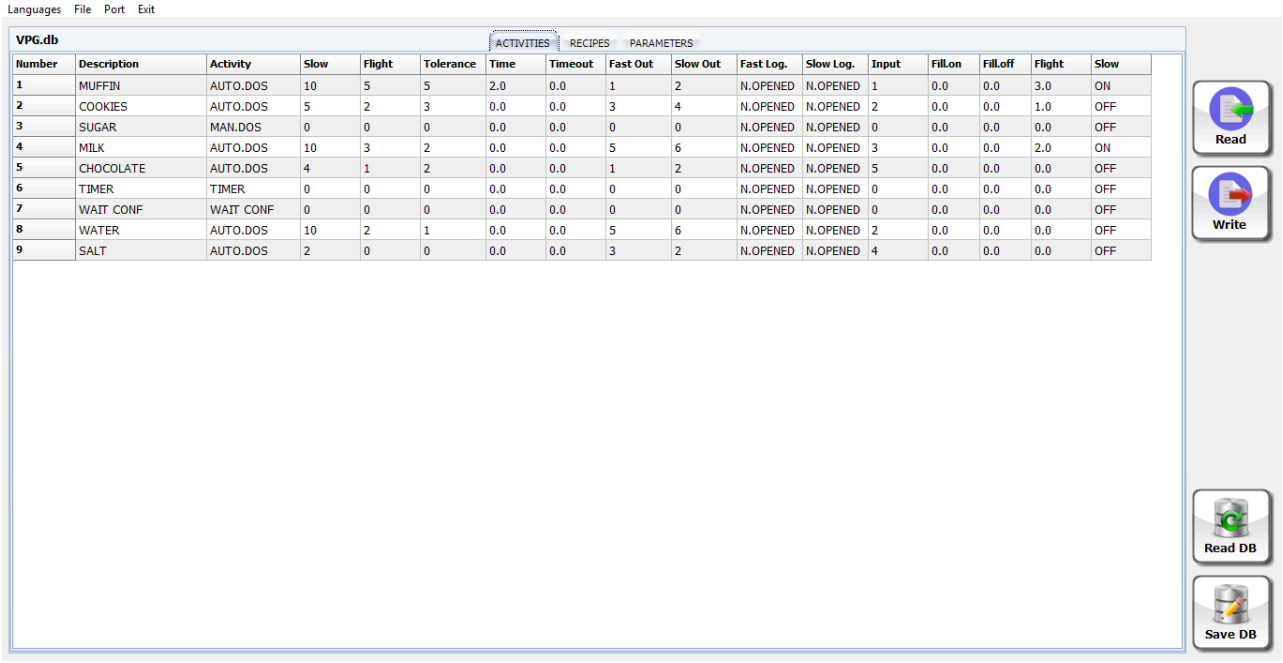
DISPLAY

The data displayed in the program are constantly compared with those written in the database, when a data loaded by the instrument is different from the one in the database, it is highlighted with the "yellow" color.

If the data is modified by the user and is different from the one in the database, it is highlighted with the "red" color.

It follows a clear verification of the data present with the ease of recognition of different values or to be corrected.

ACTIVITY



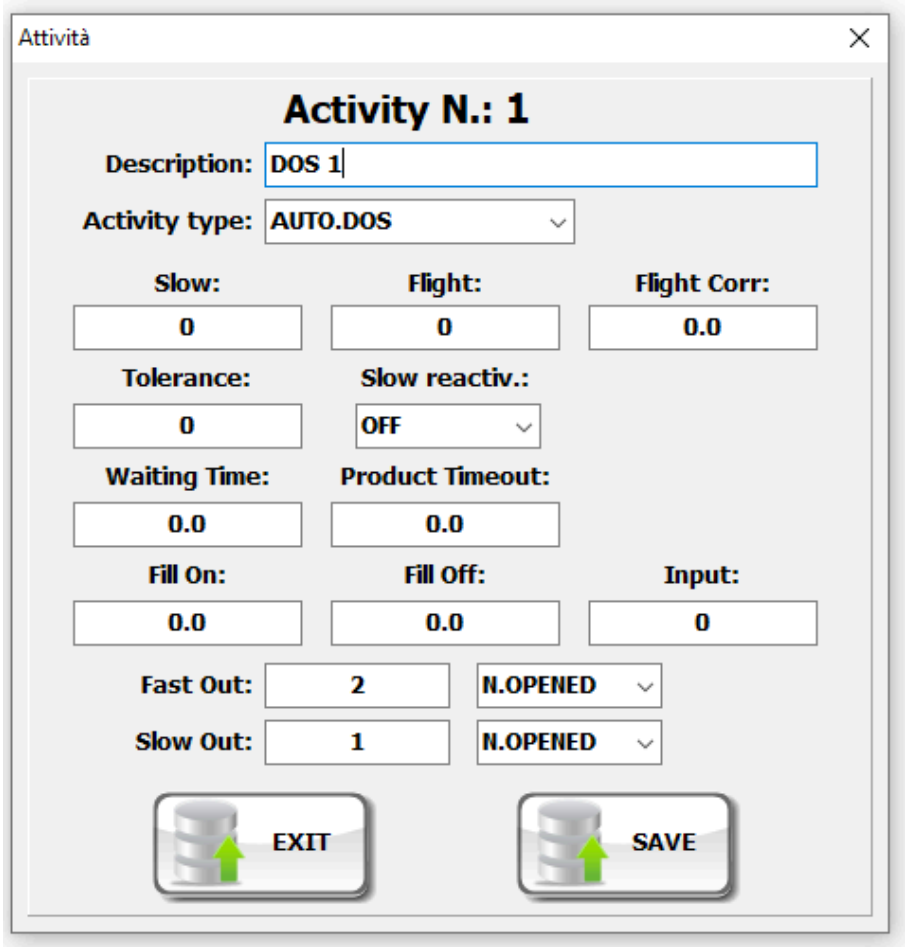
Number	Description	Activity	Slow	Flight	Tolerance	Time	Timeout	Fast Out	Slow Out	Fast Log.	Slow Log.	Input	Fill.on	Fill.off	Flight	Slow
1	MUFFIN	AUTO.DOS	10	5	5	2.0	0.0	1	2	N.OPENED	N.OPENED	1	0.0	0.0	3.0	ON
2	COOKIES	AUTO.DOS	5	2	3	0.0	0.0	3	4	N.OPENED	N.OPENED	2	0.0	0.0	1.0	OFF
3	SUGAR	MAN.DOS	0	0	0	0.0	0.0	0	0	N.OPENED	N.OPENED	0	0.0	0.0	0.0	OFF
4	MILK	AUTO.DOS	10	3	2	0.0	0.0	5	6	N.OPENED	N.OPENED	3	0.0	0.0	2.0	ON
5	CHOCOLATE	AUTO.DOS	4	1	2	0.0	0.0	1	2	N.OPENED	N.OPENED	5	0.0	0.0	0.0	OFF
6	TIMER	TIMER	0	0	0	0.0	0.0	0	0	N.OPENED	N.OPENED	0	0.0	0.0	0.0	OFF
7	WAIT CONF	WAIT CONF	0	0	0	0.0	0.0	0	0	N.OPENED	N.OPENED	0	0.0	0.0	0.0	OFF
8	WATER	AUTO.DOS	10	2	1	0.0	0.0	5	6	N.OPENED	N.OPENED	2	0.0	0.0	0.0	OFF
9	SALT	AUTO.DOS	2	0	0	0.0	0.0	3	2	N.OPENED	N.OPENED	4	0.0	0.0	0.0	OFF

When opened, the program is placed on the activity page, here you can see the activities in the loaded database.

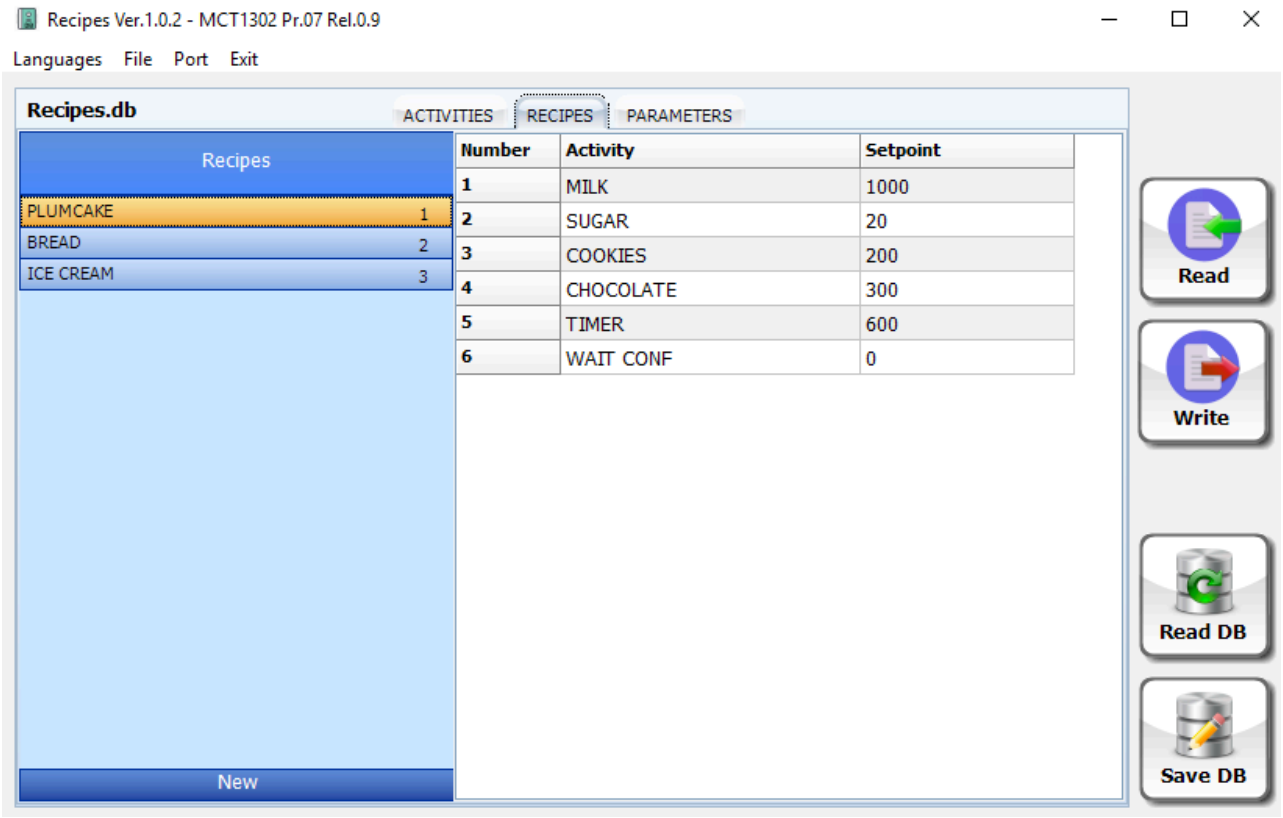
On this page you can:

- Upload activities from an instrument (Read Key)
- Save activities on an instrument (Key Write)
- Reread the activities from the database (Button Read DB)
- Save activities on the database (Save DB key)

By double-clicking on a record, you can edit it using the editing window.



RECIPES

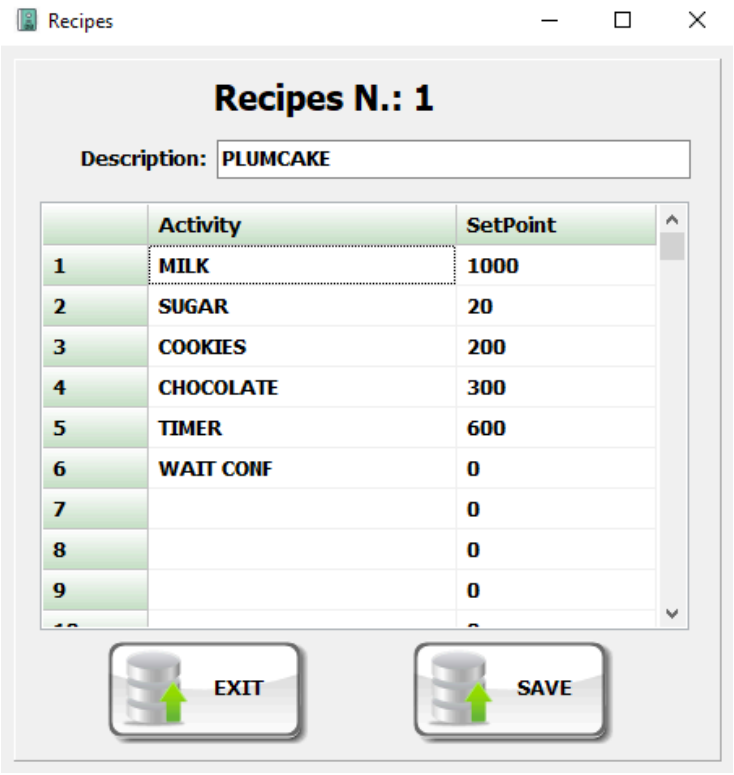


By clicking on the TAB Recipes you can see the Recipes in the database.

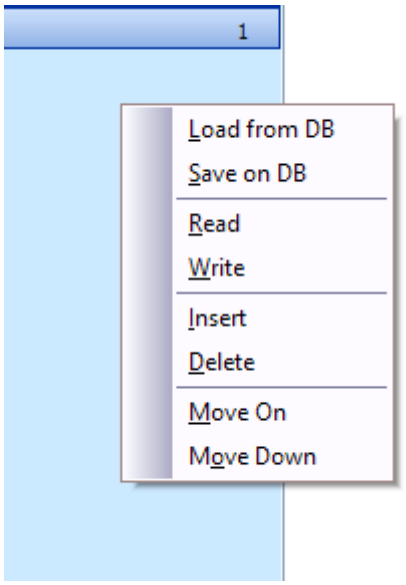
On this page you can:

- Load Recipes from an instrument (Read Key)
- Save the recipes on an instrument (Key Write)
- Reread Recipes from the database (Read DB key)
- Save recipes on the database (Save DB button)

By double-clicking on a record, you can edit it using the editing window.

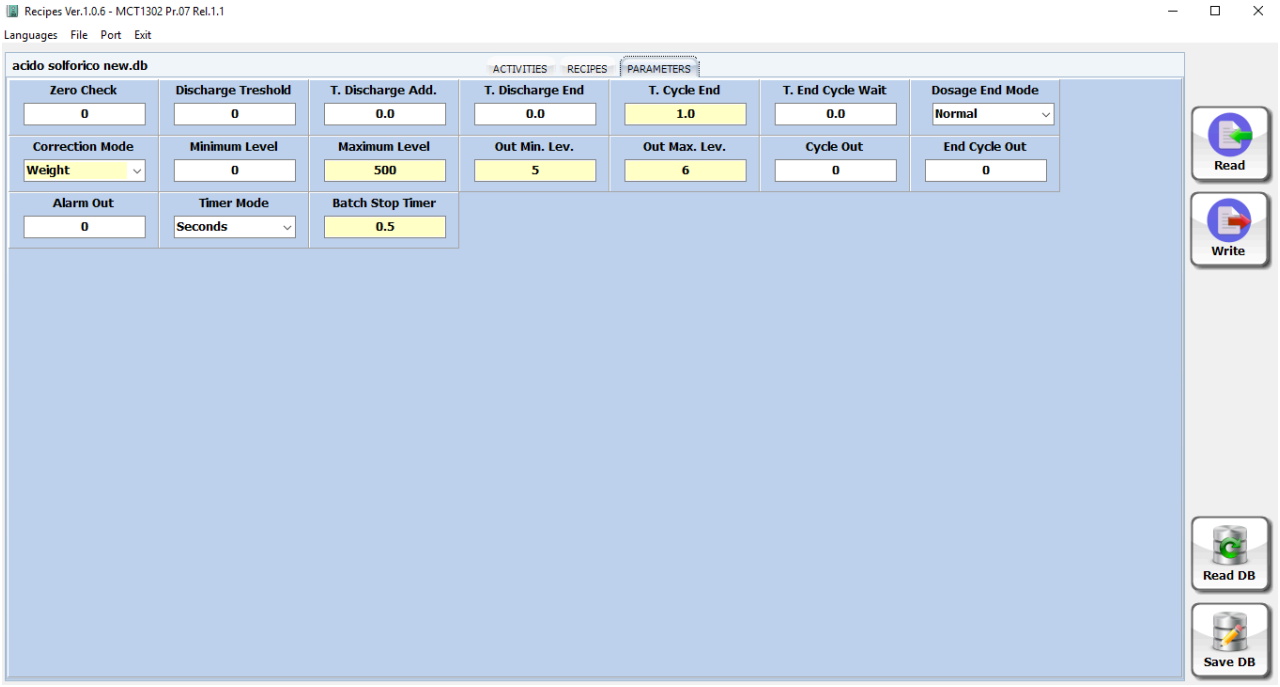


Actions for a single record are also possible in the task window and in the Recipes window:



Load from DB = Load the selected record from the Database
Save to DB = Save the selected record on the Database
Read = Load the record selected by the tool
Write = Write the selected record on the instrument
Insert = Insert a line above the selected one
Delete = delete the selected line
Move Up = Move the line up by 1 record
Move Down = Move the line down by 1 record

PARAMETERS



By clicking on the TAB Parameters you can see the Parameters in the database.

On this page you can:

- Load Parameters from an instrument (Read Key)
- Save Parameters on an instrument (Write Key)
- Reread the parameters from the database (Read DB key)
- Save the parameters on the database (Save DB key)

By clicking on a record it is possible to modify it or select it

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