

New thermorecorder functions
"R2008C/E "
Firm Rel. 04.01B-060616 (Codice Upgrading 3)

Activation of new menu usable by the keyboard like: "Set Clock", "Scan Time", "Inputs", "Operator", "Vehicle ID.", "Doc. Heading", "Password", "Comm. Port".

To access to them is necessary a password KEY (default "0000") modifiable from the user.

The selections are inside the new menu "Options" in the main list menu.

*) The setting of the "Set Clock" can be protected to various level selectable only by PC application.

Can be enabled the entire modification of the date and the hour or only of the minutes from 0 to 59 and for once in a day. It can be supplied with custom profile.

In the same menu will be included the "Time Zone" so to set the automatic appropriate "daylight saving time" with the rules of desired European Country.

*) The change of the recording interval or "Scan Time" will cause the erasing of all the data stored in the memory, for this reason is recommended to download the data to a PC preventively.

Each last modification of the parameters than have effect on time/temperature value, will be saved with "data, hour, and type of the modification".

Only those changed by the keyboard will be printed in the bottom of the document with the description "Remarks" (meet EN1230 and WELMEC 7.2)

The document printed from the thermorecorder can be titled with a text of 12 characters (with double width) defined the the menu "Doc. Heading"

The same text can be of 16 characters (also double height) if added by PC application.

The name of the operator is modifiable with "Operator" with a field of 12 characters (not protected from password)

The field "Operator" is not under password, because the name couldn't be descriptive of the transport at the contrary of the vehicle plate or of the name of the Company

What it was the "personal code" is renominated "Vehicle" and in its field can be insert the vehicle plate or number of chassis or the refrigerator (always with 12 characters max)

The field operator and vehicle and serial number are showed in the printout document and in the text of an eventual SMS.

The name "Operator" will not transferred to the PC. The stored data will be associated only to serial number and vehicle

The printout will be like:

NS: C0001234

(serial number of the thermorecorder)

BX215426

Vehicle plate (Max 12 characters)

"Mario Rossi"

Operator Vehicle plate (Max 12 characters)

The configuration of the "INPUT" include the activation of the selected channel, the association to one between seven text (predefined) of positioning of the connected sensor.

For C1 (short sensor) Front, Rit.Air, Product, Near Dr, Top, Borrom, Outside

For C2 (long sensor) Rear, Rit.AirR, Product, Near Dr, Top, Borrom, Outside

At least one input must be always ON

The auxiliary "Comm. Port" on the back side can be used like:

0 - "Comm. Standard" for the connection to PC or similar

1 - "Trace/Bthoot" for use with satellite system OEM or our Bluetooth module BT01MD

2- Modem – GSM" for use with module GSM for data transmission or to send SMS.

(The complete profile of the SMS service, with the management of the events and enabling until 3 mobile users, is configurable only by PC application. If the modem is enabled is immediately ready to receive SMS command)

SMS service is powered with the introduction of some remote command with which it is possible to ask the temperature measured and the state of the thermorecorder from every GSM mobile user.

To entry in every new menu it is necessary to type the password key of 4 numbers . It is modifiable from the user in the "Password" menu.

It is also available a function to block every user menu (also if not protected with password). This function is defined "Security" and will be enabled only by PC application.

To the function "Mission" was added the option "End Mission". This allows in first way to print only the entire period without waste of paper when the mission is finished yet and keep all the menu (with importance metrological) blocked during the mission. Each new mission will delete the temporary marks of last mission but not the recorded data.

In "mission" mode the presetting of the direction of printing "Forward" or "Backward" will be active only if the mission is running, in contrary case the printout will be only "Forward" (from start to end)

It was introduced a new type of "Fast" data download. In this operation are transferred to the PC a number "N" of days in relation to the "Scan Time" selected.

1m=1day , 2m=2day , 5m=4day , 10m,15m=7day , 20m=14day , 30m=21day , 60m=31day.

Inside the block of data are included the parameters of configuration of the device and the Audit of the last memory delete and the last update time.

(i.e.: for a thermorecorder with 2 sensor and a Scan Time of 15 min. you get the download of the last 7Days in 5 seconds)

Note-----

1)In case of clock error (Fault TEC01) will be available to the user the ""Set Clock" to without protection to update the time.

For other error or fault the use of a PC will be indispensable.

2)The new update will continue to work with Bluetooth transmission for all the model "REC96-2008" by the module BT01MD, ideal association for the application "KEY96 Control enter", "STORE96" for PC e "TOOTH96" for PDA and SMARTPHONE