New Software release for Ves Lines

Reference Instruments

Matic Cube 200, 80, Track

Introduction

LIST OF CHARACTERISTICS FOR NEW SOFTWARE VERSION

The following are list of changes including "history file", which led to the release version.

Legend :

- [ADD] → new characteristics
- [FIX] → Error correction
- [MOD] → modified functions

VESMATIC CUBE 200

VERSION V3.24

Changes in release V3.24

- [ADD] : Added the possibility to add to number of days of stay of the records within the DB. This is found in the Service side view.
- [MOD] : Checked and verified the control of every December 31 in leap years
- [MOD] : Checked and verified that during installation from 2.xx version to 3.xx version the setting of the instrument is not changed. To activate the new accessory the Technical assistance need to be contacted because all the new settings are in the Service side view.

Changes in release V3.23

- [FIX] : Fixed the problems on the simultaneous use of both corrections (HTC e Pachenkov)
- [MOD] : Modified management of the matrix, in particular the index with the final value of ESR and not with the delta
- [ADD] Applied correction to both the working methods
• [ADD] Added to FormCalcVes the possibility to select which calculation (old or new) to apply the correction, and this particular characteristic is found in the Service side view.

Changes in release V 3.20

• [ADD] Adding simplified page to add the correction to the ESR calculation (FrmCorrectionESR)
• [ADD] Added the correction calculation according to the hematocrit values
• [ADD] Added information on the use of custom matrix
• [ADD] Added use of custom matrix on the printer
• [ADD] Added new phrases in the language files

Changes in release V 3.16

• [MOD] -Changed the management of date and time to avoid the bug related to December 31 of a leap year.

These characteristic are found in the Service side view

• Two service commands were added to the settings list:
• [ADD] PACHENKOV_ENABLE : (1 = enabled, 0 = Not enabled) Enable the algorithm
• [ADD] PRINTWEST_ENABLE : (1 = enabled, 0 = Not enabled) Print results calculated with Westergren

• If only Pachenkov algorithm enabled the printed result column will have PACH the message, if enabled both the Pachenkov algorithm and Westergren on the result column will be with printed WEST / PACH. On the bottom of the printout the West results are printed first then follows the Pachenkov results.

• If both are enabled both calculation methods and if Pachenkov algorithm or West are printed on each tube 4 results in the following order from bottom to top: Old Westergren method, Old Method Pachenkov, New Method.

• The difference between Westergren new method and new method.

In both method the results are expressed as citrate Westergren results, we refer to the Westergren old method if the system use (as in current procedure) Use the 23 parameter to evaluate the characteristic of the each samples scanning.

We call the New Westergren method if the system use only 2 parameters to analyze the sample scanning, but to activate the method is necessary to contact the Technical assistance as reported above, the installation do not change the settings in the instrument.
Changes in release V 3.15

- **[ADD]** Added management hematocrit value with ASTM protocol.
- **[ADD]** Added HCT_ASTM_ENABLE command to settings so as to enable the management of hematocrit parameters with ASTM protocol (default not enabled). This particular characteristic is found in the Service side view.
- The host PC can add the hematocrit value in a specific record "Relevant Clinical Information", "Laboratory Field N° 1" or "Laboratory Field n° 2" present in the "O" record.
- If at the end of the analysis cycle hematocrit value was not specified a new query can be requested again to the host.
- The hematocrit correction can also be applied to the PENDING samples once confirmed by the host.
- The sample with ESR Corrected using the hematocrit value is signaled in both the printout or the database "history" with the letter "H"

**VESMATIC CUBE 80**

**VERSION 3.18**

Changes in release 3.18

- **[ADD]** Added DAYS_DBSTORICO to the list of settings in the service menu on the permanently of the records database (default: 14 days). This settings is in the Service side view.
- **[MOD]** Checked and verified the control of every December 31 in leap years.
- **[MOD]** Checked and verified that changing from 2.xx version to 3.xx version, the new setting is in default OFF.

Changes in release V 3.17

- **[MOD]** simplified page to add the correction to the calculation ESR
- **[ADD]** Correction of the calculation according to the hematocrit value
- **[ADD]** Added signals for the use of custom matrix. This characteristic is found in the Service side view

Changes in release V 3.16

Two commands were added to the setting:

- **[ADD]** PACHENKO.Selected_ENABLE : (1 = enabled, 0 = Not enabled) Enable the algorithm
- **[ADD]** PRINTWEST_ENABLE : (1 = enabled, 0 = Not enabled) Print results calculated with Westergren
• If only Pachenkov algorithm enabled the printed result column will have PACH the message, if enabled both the Pachenkov algorithm and Westergren on the result column will be with printed WEST / PACH. On the bottom of the printout the West results are printed first then follows the Pachenkov results.

• If both are enabled both calculation methods and if Pachenkov algorithm or West are printed on each tube 4 results in the following order from bottom to top: Old Westergren method, Old Method Pachenkov, New Method.

• Do Westergren, New Method Pachenkov.

Changes in release 3.15

• [ADD] Added management hematocrit with ASTM protocol.

• [ADD] Added HCT_ASTEM_ENABLE command to settings so as to enable the management of hematocrit parameters with ASTM protocol (default not enabled)

• The host PC can add the packed cell volume internally "Relevant Clinical Information", "Laboratory Field N° 1" or "Laboratory Field n° 2" present in the "O" record

• If at the end of the analysis cycle hematocrit value was not specified a new query can be requested again to the host.

• The hematocrit correction can also be applied to the PENDING samples once confirmed by the host

• The sample with hematocrit is signaled in both the printout or the database “history” with the letter "H"