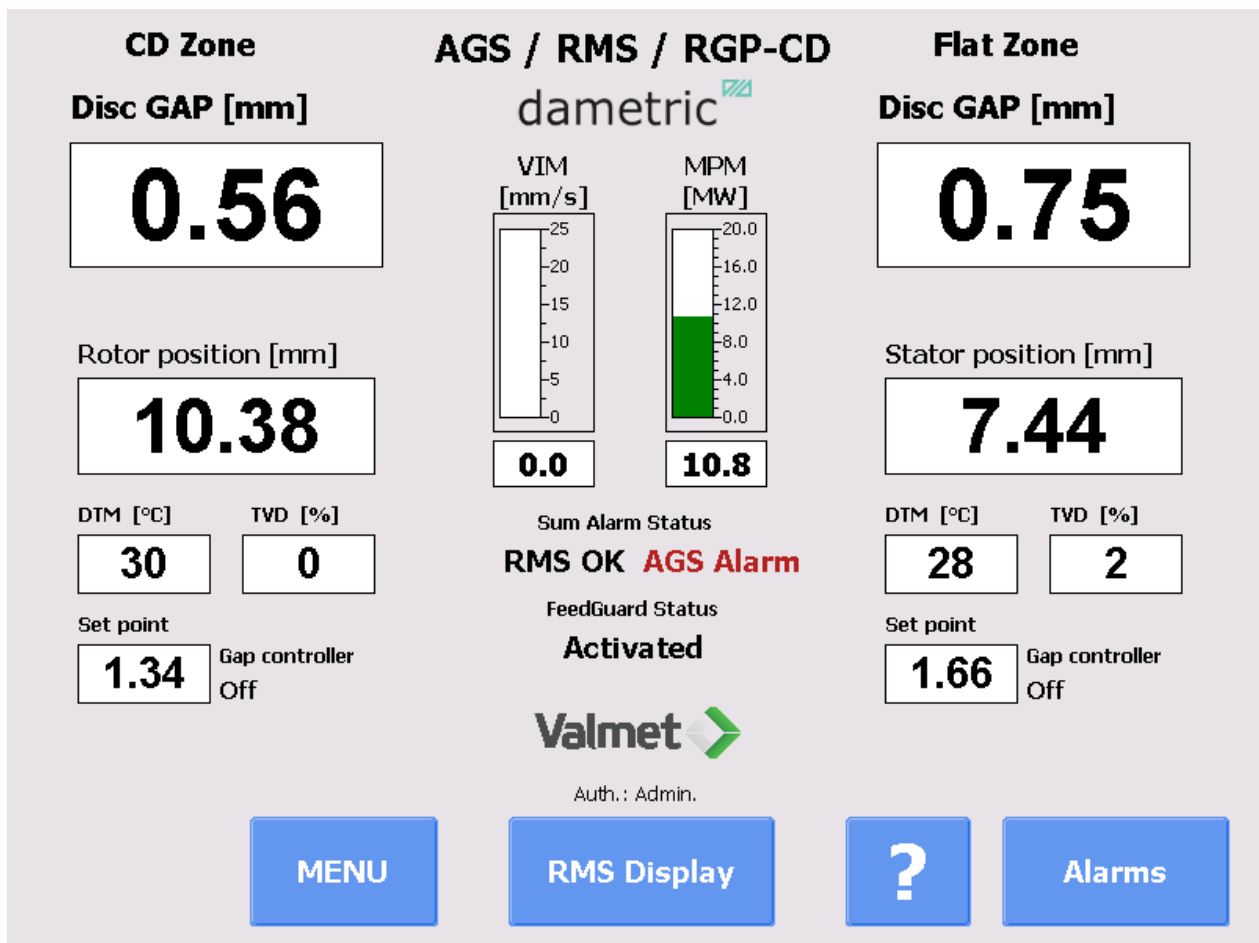




GmsCe 2.x



GmsCE Panel-PC Ver. 2.x

Features

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1 Version 2.X

The version 2.x of the GmsCE program for the AGS sensor has been upgraded considerably. This document will explain the benefits of updating the current version to 2.x. The current version is 2.6.

1.1 New Kernel

The program kernel has been rewritten to enable continuous logging of signals.

1.2 Supports old system

The software enables the user to switch between the new version (2.x) and the old software revision (1.5.x). Note, it is not possible to switch back to any of the 1.3.x versions because they are using a different operative system (Windows CE 4.2).

1.3 Updated user interface

The user interface has been updated with better visibility regarding enabled/disabled buttons. A blue color indicates an active button while the grey means that the button is not enabled for some reason. Press the grey button and the system will respond with the cause. Previous hidden buttons are now displayed (but deactivated).

1.4 Screen saver

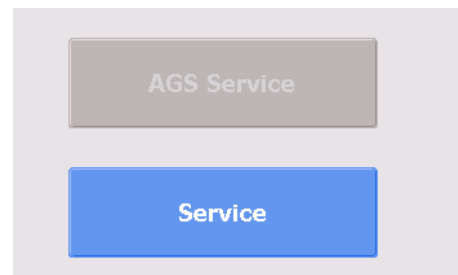
A screen saver will automatically start after 10 minutes of inactivity. The current alarms are shown, one by one.

1.5 Zoomed text box

Tapping a text box, like the POM-reading, will zoom the reading, filling the whole screen. Good when adjusting the POT sensor at a good distance away.

1.6 Upgrade

The upgrade procedure is new. The program files are first copied to the hard disk and then installation starts. The user can also select to reverse to a previous revision if desired.



1.7 Start-up wizard

The Panel-PC will, as a spare part, be delivered in an undefined state. The user then steps through the wizard to simplify the installation for the current system.

1.8 System memory

The system memory, PPC-SM-USB8, is used for back-up and to contain large log files. The intention is that the system memory should be permanently installed to the Panel-PC. It is mounted on a 250 mm long USB cable and should be placed in the cable chute below the computer. If the Panel-PC has to be replaced, the system memory will be used for restoring the old system onto the new Panel-PC.



The contents of the system memory can also be backed up to a user memory for safe keeping.

1.9 Database

A database is introduced to handle the system settings and to back-up parameters. The Panel-PC settings can also be backed up.

1.10 Unit service and parameter back-up

The status indication for measuring units in the system is updated. An automatic detection of replaced units enables the user parameters to be updated semi-automatically. Parameters will be backed up to a database. The database can be backed up to the system memory.



1.11 Tip Id License

The license file replaces the Tip-id code. The license file is time limited and can easily be upgraded. The normal time span is 1-2 years. The user enters the tip serial number (4 digits) instead of the tip id number (13 digits).

1.12 CEC-configuration

The CEC-unit in the panel is a vital part for the communication between the Panel-PC and the units. It is now easier to see the status of the communication, and the reasons why it might be malfunctioning.

1.13 File copy

The file copy function is simplified. This is used by the user to copy log- and calibration-files from the internal memory to a user memory. One pushbutton copies all files.

1.14 AGS Calibration

A graph is added in the AGS calibration window. The user can check the signal levels when the tip is moved forward to the rotor.

We have added some signal interlocking which will stop the calibration in atypical conditions.

The operator will be prompted and warned before accepting a “bad” calibration.

The time (in days) between AGS calibrations can be set to enable the system to indicate when it is time for a recalibration of the AGS sensor.



1.15 AGS Flush adjustment

The flush adjustment of the AGS is improved. This is used to align the tip with the stator plate.

1.16 Logger

The new background logger is always active and will take a set of samples at production-start and – stop and save them to a file. The file can then be retrieved from the Panel-PC for further examination. This is very useful when the segment plates have clashed and the mill logger is too slow.

1.17 Graph

The graph functions are updated. Graph is continuous and the settings are saved in the database.

1.18 Time/Date

The time and date of the Panel-PC real-time clock can be modified from inside the program.

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