GUIDANT

AccuMate for AccuLoad® III

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Smith Meter® Electronic Presets

The Smith Meter® AccuMate is a software tool that simplifies setup and maintenance of the Smith Meter® AccuLoad®. It is designed to operate on a PC equipped with Windows Version 95 or later.

Features

- Familiar, easy-to-use explorer-like interface
- Easy remote parameter changes using communications
- Off-line editing of program parameters
- Bulk upload and download of program parameters
- Storage and retrieval of parameter files on disk
- Printing of complete program parameter configurations
- Translation editor
- Configurable reports
- Boolean/algebraic processing
- Capability to copy and paste directories of the AccuLoad configuration to other directories (This includes arm directories, recipes, or even a directory from one AccuLoad can be copied to another)
- Support for managing a driver card database to be used with the Smith Meter Card Reader
- Interactive remote display that allows terminal personnel to remotely monitor and assist AIIX operations
- Supports communication ports 1 to 99
- Excel spreadsheet provided to view all transaction log information from the AccuLoad
- Coefficient of thermal expansion calculator that will calculate the coefficient for API Chapter 11.1

Applications

Applications include initial profiling of new AccuLoads, maintenance of AccuLoad parameters, aiding the development of automation systems, entering Boolean/ Algebraic equations, entering translated text, and configuring custom delivery reports.

Installation via Internet

AccuMate is available for download on our website at https://kb.guidantmeasurement.com/. Select the link and follow the installation instructions.

Program Operation

The AccuLoad program consists of three basic modes of operation: Offline mode, Read Only mode, and Online mode. The mode of operation being used is indicated in the bottom right-hand corner of the PC window.

Offline Mode

In the Offline mode of operation, the AccuMate can be used to completely set up a data file or edit a file in the computer's editor. This file can then be saved for future use or, by changing to Online mode, can be downloaded to the AccuLoad.

Online Mode/Read Only Mode

These modes of operation require that the AccuLoad's and the AccuMate's communications ports are set up with the same parameters. These parameters can include the IP address, baud rate, parity, protocol, and address of the AccuLoad. Also, a definition or file has to be created for the AccuLoad with which the AccuMate is to communicate. The file is set up by selecting "File," then selecting "New AccuLoad," then configuring the new AccuLoad III data file.

Once the setups have been completed, communications can be established either by opening the existing "Com1Addr1.al3" or by creating a new file. The default

communications values are Comm Port 1 on the computer; 38,400 bps baud rate; no parity; eight data bits; and one stop bit. If any of this data needs to be changed, move to "Options" on the menu bar and choose "Options for this AccuLoad.net." This will display a dialog window "Options for this AccuLoad III." The address, protocol, and comm port can be changed on this screen. When a serial com port is used, the comm settings button may be pressed. Pressing the "Comm Settings" button will display another window for "Comm Properties." Bits per second and data/parity settings can be changed on this screen. Note that both the AccuMate settings and the AccuLoad III.net settings must match in order for communication to occur.

"Online" or "Read Only" mode will automatically be determined when communications is established. If program mode changes are allowed, then "Online" will be shown. If not, "Read Only" will be shown and no data can be changed.

In "Online" mode, the AccuMate can both read data from the AccuLoad and write to the AccuLoad. As data is entered or changes are made through the AccuMate, it is automatically transferred to the AccuLoad.

Data from a specific directory or the entire database can be sent to the AccuLoad by selecting either the "Dump Selected Item" icon or "Dump to AccuLoad" icon from the toolbar.

System Requirements

The AccuMate will operate on a 486 compatible computer operating in a Windows 95 or later environment with at least 2M of memory. The hard drive should have at least 2M of free disk space.

Revisions included in SS06032 rev. 0.3 (9/13):
Page 1: Omitted Installation, updated Installation via Internet Page 2: Omitted Modeling Contact information. company branding updated - April 2018.
The specifications contained herein are subject to change without notice and any user of said specifications should verify from the manufacturer that the specifications are currently in effect. Otherwise, the manufacturer assumes no responsibility for the use of specifications which may have been changed and are no longer in effect.

USA Operation
1602 Wagner Avenue
Erie, Pennsylvania 16510 USA
P:+1 814.898.5000

Germany Operation
Smith Meter GmbH
Regentstrasse 1
25474 Ellerbek, Germany
P:+49 4101 304.0

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