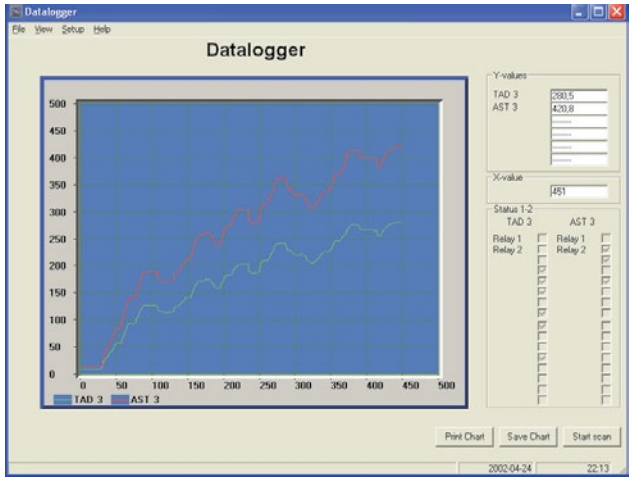
PC Software Datalogger

FEATURES

- Datalogger is a plotting and logging utility program
- Can be used in conjunction with any of BLH Nobel's instrument with a "modbus" communication port (i.e., AST3, WST3, TAD3, microPOS, WEI...)
- Runs under Windows 95/98/NT4/Me/2000/XP/ Windows 7/Windows 8/Windows 10.

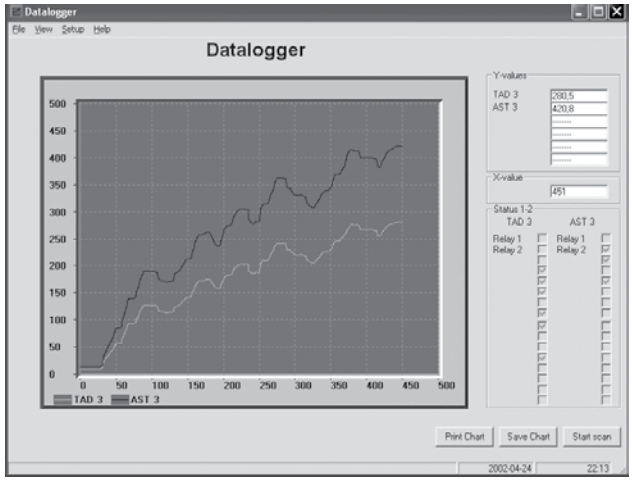


BASIC FUNCTIONS INCLUDE

- Plot up to 6 curves in one graph.
- Plot mode can be either y/t or x/y.
- Can plot up to 2000 points (per curve) in each scan.
- Time between each point can be set between 0,05 and 65 s.
- A scan can be started manually, or be trigged on a value or a registers bitpattern.
- Stop of scan can be done manually, or be trigged on a value or a registers bitpattern.
- Six statusregisters (bit related) can be shown and each bit can be given a name.
- The graph can be zoomed, scrolled and saved to disk in two different formats. One format is a "datalogger file format" (.dlo) that can be opened and recreated in the datalogger graph window, and the other format is the Portable Network Graphics (.png) format, that offers a lossless compression of the bitmap and that can be imported in many other programs. The file name is derived from the system date and time (YYYY-MM-DD HHMMSS.dlo or YYYY-MM-DD HHMMSS.png) and the files are saved in the folders specified under the menu Setup.
- Two cursors can be freely placed in the graph, and the dy, dx is shown

PROGRAM WINDOWS USED IN DATALOGGER

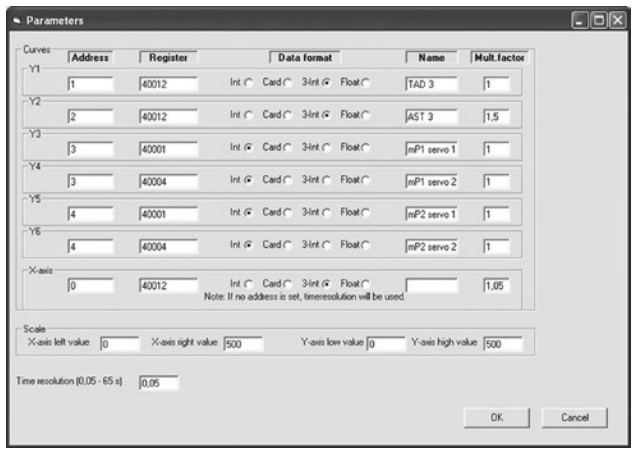
Datalogger (Main window): Here you can run and monitor the plotting activities save/load and analyze graphs. You can also view the current values and the first two status registers



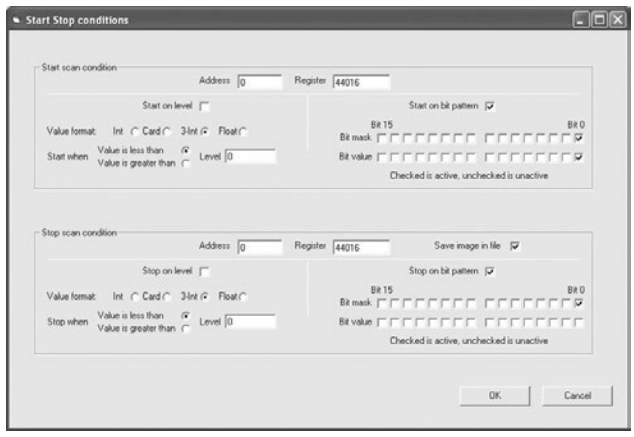
PROGRAM WINDOWS USED IN DATALOGGER (CONTINUED)

Status Registers 3-6 (menu View): Here you can monitor separately all bits of 4 additional status registers. The registers as well as all the bits are configured with their own names.

Parameters (menu Setup): Here you set up the data for the six different curves, as well as for the x-axis, the initial data for the graph window and the time resolution that should be used.



Start Stop Conditions (menu Setup): Here you can set the conditions (value or bit pattern of a register) that starts and stops (and saves) the curve plotting



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