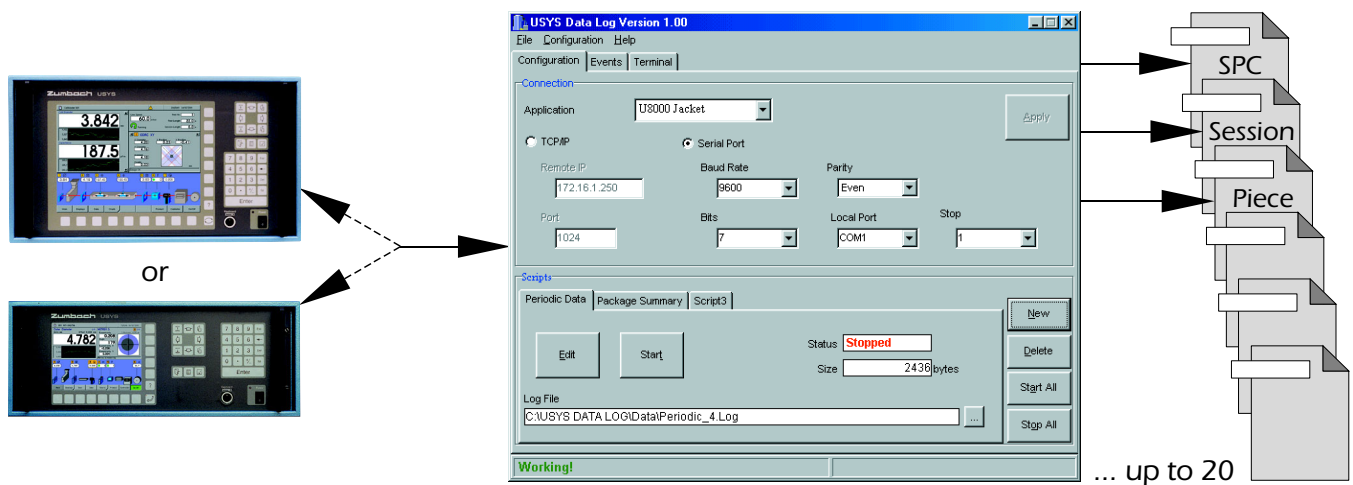


New Product Flash

USYS Data Log

General

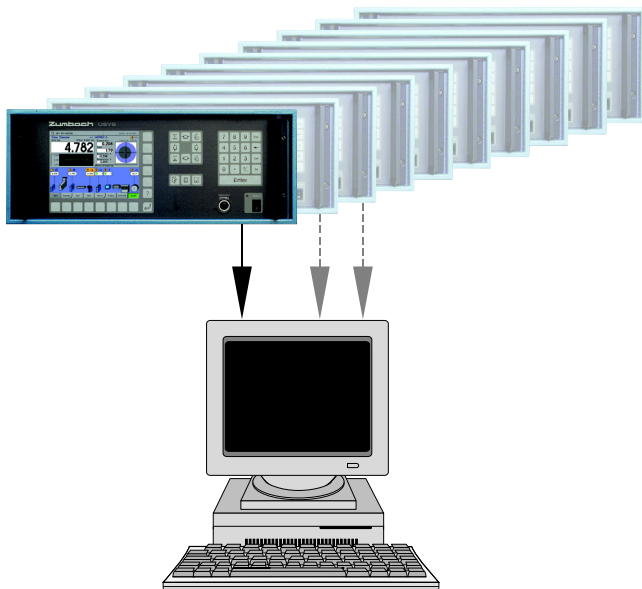
The **USYS Data Log** is a Windows™ based software, offering an easy way to configure specific data acquisition (logging and archiving) from ZUMBACH processors onto customer PCs, communicating through serial RS-232 or Ethernet TCP/IP connection. The measurement data can be collected from a single instrument or from several ZUMBACH processors and saved in a text file format or in Excel™.



Multiple Collection

Several USYS Data Log programs can run on the same PC, i.e. it is possible to collect the information of all Zumbach processors in the factory to only one single computer:

- With RS-232: Up to 10 (limited by Windows™)
- With Ethernet TCP/IP: Unlimited



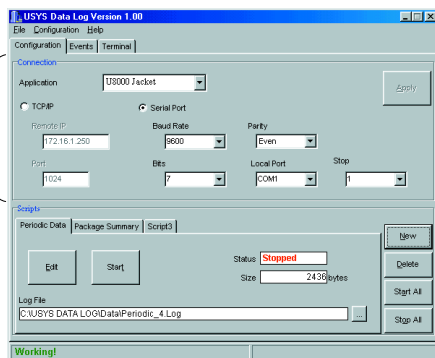
Features

- Runs under Windows™ 98, 2000, XP etc. Via RS-232 port or Ethernet interface with TCP/IP protocol
- Download of up to 20 different files, such as:
 - Piece summary
 - SPC samples
 - Session summary
- Measurement data can be logged to disk for post-processing in Excel or other data analysis packages
- Debugging features to monitor the program performance
- Languages: English, German, French and Spanish (other languages upon request)

Operation

The configuration and use of the program is very simple. The customer only needs to decide which values he wants to save and the USYS Data Log automatically communicates with the remote Zumbach processor and saves the data on the PC hard disk. It is possible to ask for any information that is in the processor, e.g. statistical data, events, alarms, SPC samples etc.

Upper section of the configuration screen for the connection with the remote system.



Example of a file showing the Reel Summary. One line is added to the file at the end of each Reel:

Reel Number	Reel Length	Inner Diameter			Outer Diameter			Wall Thickness		
		Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.
1	217,6	3,96	4,29	3,71	5,0	5,3	4,7	0,5	0,8	0,3
2	205,8	4,07	4,30	3,71	5,0	5,3	4,7	0,5	0,7	0,2
3	214,0	3,95	4,28	3,71	4,9	5,3	4,7	0,5	0,8	0,3

Reel #	Length	Inner Diameter			Outer Diameter			Wall Thickness		
		Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum
1	217,6	3,96	4,29	3,71	5,0	5,3	4,7	0,5	0,8	0,3
2	205,8	4,07	4,30	3,71	5,0	5,3	4,7	0,5	0,7	0,2
3	214,0	3,95	4,28	3,71	4,9	5,3	4,7	0,5	0,8	0,3

Specifications

Hardware requirements	Windows PC, min 450 MHz
Minimum RAM requirement	32 MB
Disk space requirement	10 MB
Minimum screen resolution	800 x 600 dpi
Operating system	Windows™ 98, ME, NT, 2000, XP

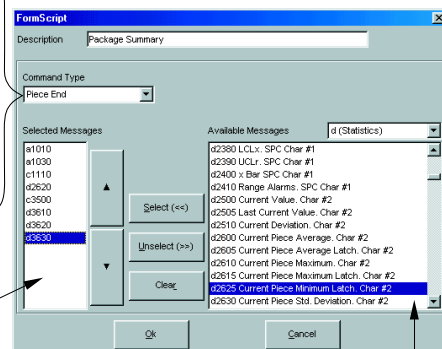
The USYS Data Log collects data from the following Zumbach processors:
USYS 2000, USYS 8000, STEELMASTER;
WIREMASTER and USYS 10 upon request.

Scripts

Using the FormScript configuration screen, the user defines what kind of information must be collected from the Zumbach processor.

Selection of the timing/interval of data recording:

- Periodically (by length or time)
- At the Piece End
- At the Lot End
- At the SPC End
- At a New SPC subgroup
- At a New Lot
- At a New Event Log



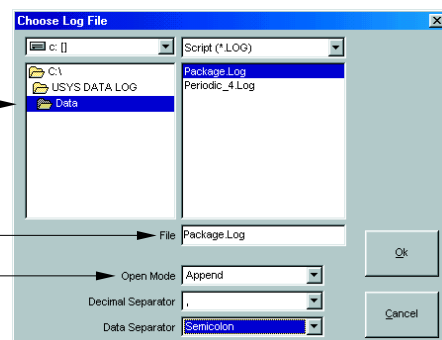
Currently selected values that are recorded to the file.

Each value to be placed in the file is identified by a code. A complete description of the codes used is featured in the host section of the corresponding processor manual.

Each script has one associated file, which is saved to the PC hard disk individually.

Configuration of the directory where the data must be saved.

Name of the text or Excel file.



Open Mode

Overwrite: A new file with the entered name is created each time the script is started. If an old file exists with the same name, it will be overwritten and the previous information will be lost.

New File: If a file with the entered name already exists, a new file will be created with the entered name, but with a numerical identifier added at the end.

Append: If a file with the entered name already exists, the new information is appended at the end of the existing file.

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