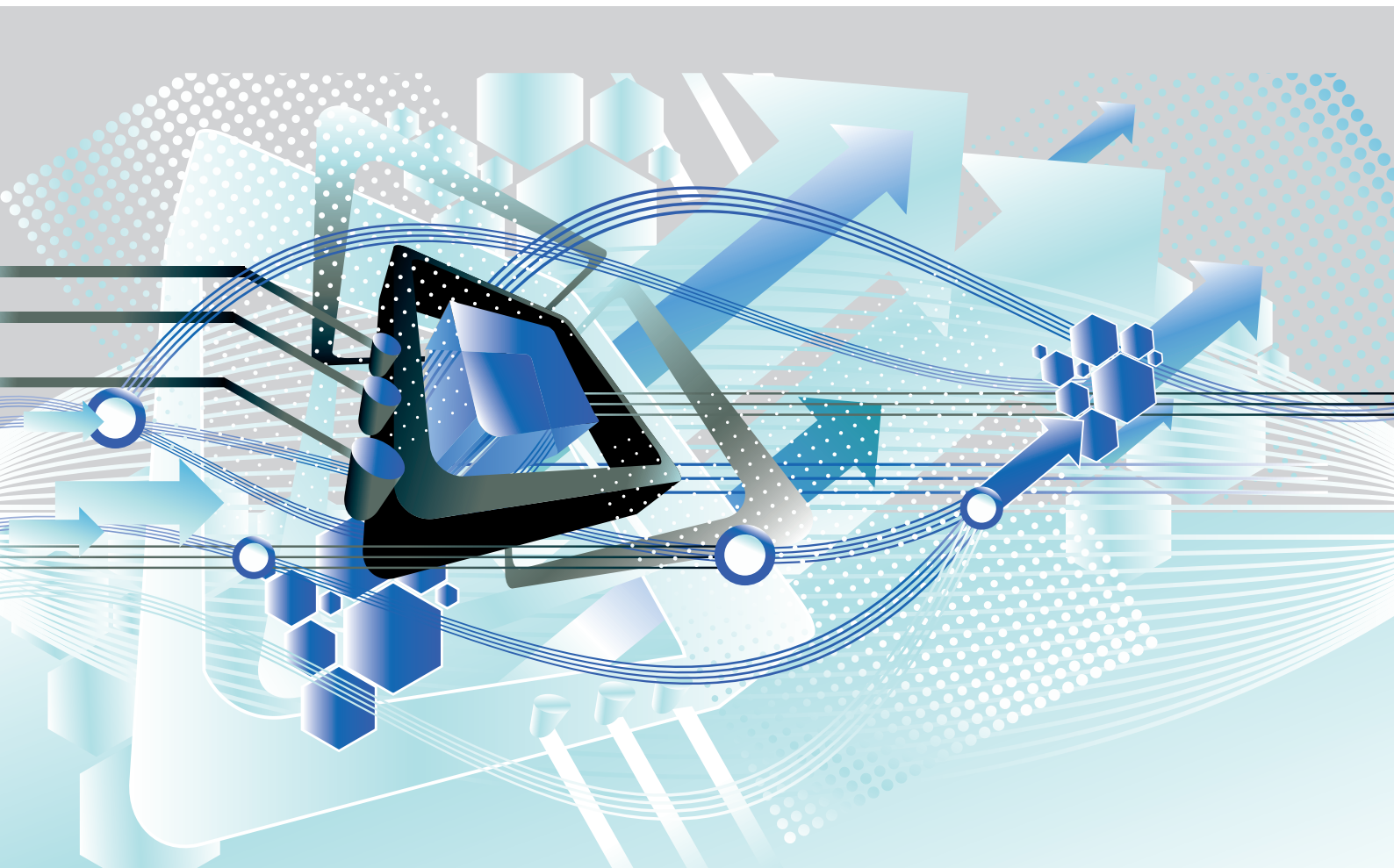


Zumbach

SWISS PRIME MEASURING SINCE 1957

Software



Features & Options of USYS & ODAC® Instruments

USYS Software

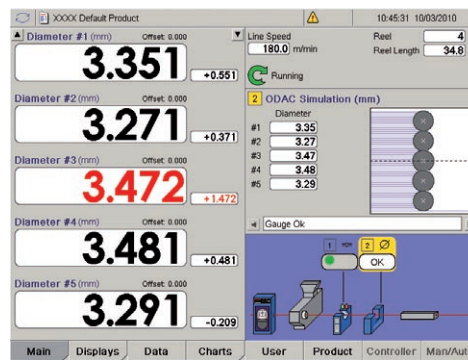
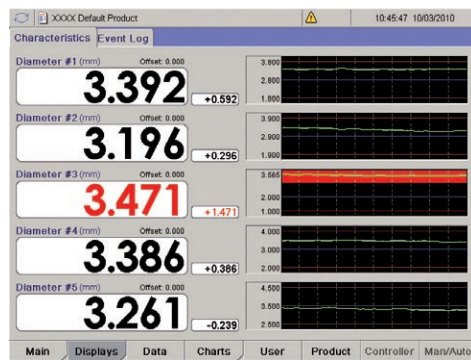
Embedded Standard Functions & Features

- Pre-alarms
- Start & End filtering
- Measurement filters: Min., Max., Avg, Envelope
- Piece/reel chart
- User defined characteristics
- SPC
- SIGMA EXPERT and CpK Pilot (for important material savings)
- Event log
- SRD control & Dual Loop
- Password security
- Reports
- And many other features

Application Specific Features

Multi-part measurement

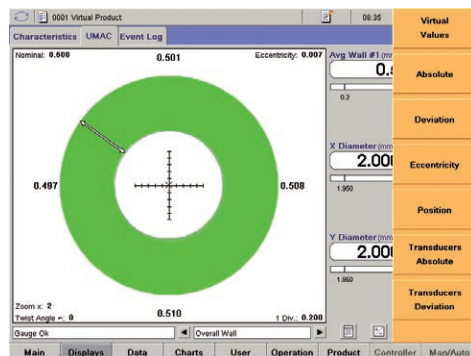
Up to 5 samples simultaneous measurement in the same measuring field. ODAC® single plane capability! Standard feature for USYS 200, 2100, 8100.



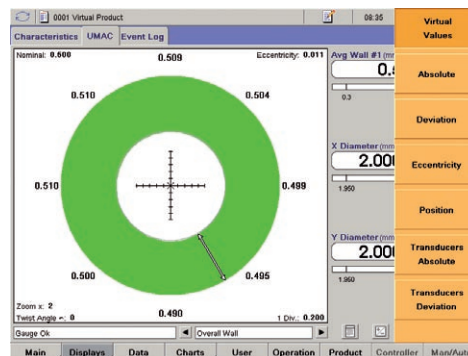
Typical screen showing, among others, data and trends of 5 products

Virtual values

Simultaneous display of interpolated measurements from actual measurements. User defined display, from 2 to 8 measurements equally spaced. Standard feature for UMAC® WALLMASTER and RAYEX®.



Actual values



Virtual values

Upgrades – Extensions

Why not ask for the possibilities of upgrade to your existing USYS software or extend your systems capability with any the following software applications?

We only need to know your unit serial no. to check the possibilities:

Example: 8403.1271...

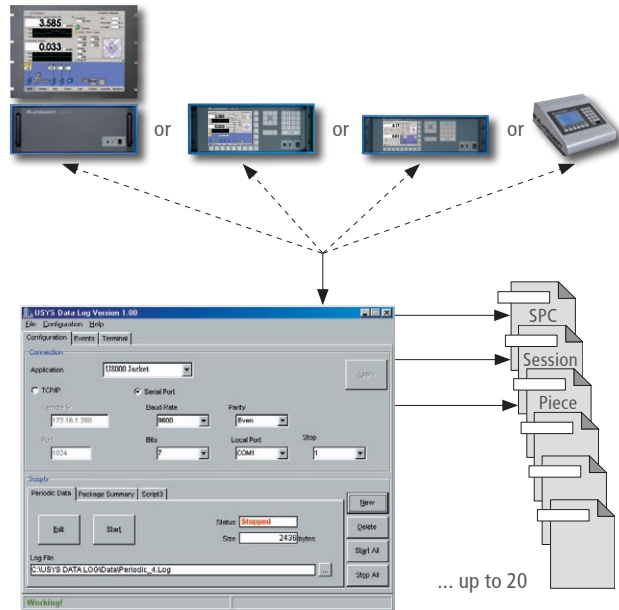
External USYS Software Applications

USYS Data Log

The view from within the process. Direct raw data acquisition from all USYS processors. Can be imported direct into Microsoft® EXCEL for advanced analysis.

Advantages/Main 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 parameters, 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



Application for	USYS 20, 200, 2100, IPC 2, IPC 8
Hardware requirements	Windows PC, min. 450MHz
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

™ Windows is a trademark of Microsoft Corporation

USYS Web Server

Remote viewing or display duplication through any networked PC with simple Internet browser access.



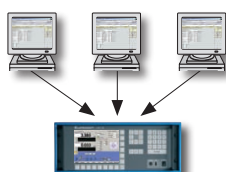
Advantages/Main Features

- No need for additional installation
- Self explanatory handling – view the information of the USYS processor by navigating through the Internet.
- Visualisation of the information on the remote computers using any operating systems, such as Windows™, Unix/Linux, Macintosh etc., using the following browsers: Internet Explorer 6.0, Netscape 7.1, Mozilla 1.5.

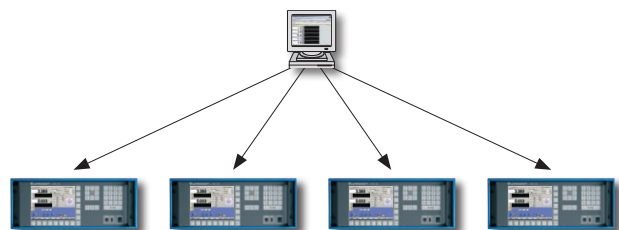
Application for	USYS 200, 2100, IPC 2, IPC 8
Minimum Ram requirement	32 MB
Disk space requirement	10 MB
Minimum screen resolution	800 x 600 dpi
Operating system	All (Windows™, Linux etc.)

™ Windows is a trademark of Microsoft Corporation

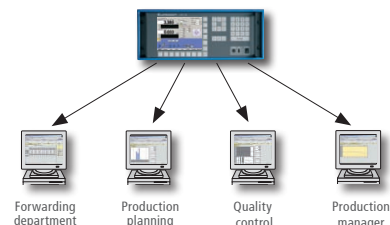
Managing the USYS processor from different remote locations



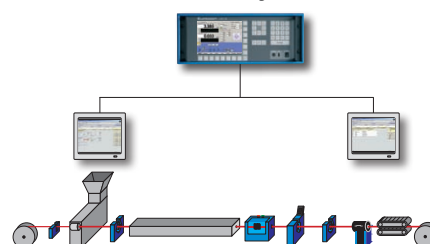
Centralizing the Information



Distributing the Information



Multi Terminal / Multi User System



USYS Report Manager

Historical storage of all printed reports, trend and SPC. Simple XML viewer for traceability and re-print possibility (ISO 9000 focused).

This software kit is composed of two parts:

1. The **Report Manager** itself for saving the reports on the selected media
2. The **Report Viewer**: a media viewer for:
 - Classification of the information by time periods
 - Graphical and numerical display
 - Reprint of quality reports

Application for	USYS 200, 2100, IPC 2, IPC 8
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

™ Windows is a trademark of Microsoft Corporation

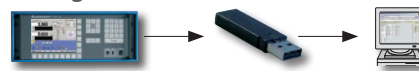
Storage Media

The Report Viewer can be used in different ways and easily be adjusted to the different configurations, allowed by the USYS system. Three basic modes are available as standard:

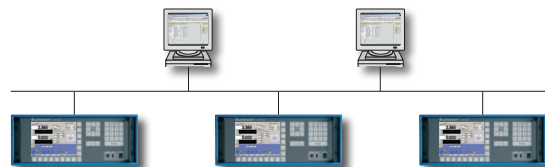
Access from any networked PC to a centralized server



Storage on an external hard disk



Storage on the local disk



Software for ODAC® & ODEX®

ODAC® Manager

Windows™ based configuration and calibration of all ODAC® and ODEX® measuring heads, RS, DP and EN versions via integrated RS interface.

Advantages/Main Features

- Straightforward access to all device configurations
- Printout of calibration protocol
- Numerical and graphical display of the measured values
- Save/Retrieve configurations to/from the PC
- Minimizes setup time, thanks to menu driven Windows™ like user interface
- Visualization at-a-glance of process variations, using colour trend charts

Application for	ODAC and ODEX RS/DP/EN CI RS-RS, -DP, -EN
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

™ Windows is a trademark of Microsoft Corporation



All operations related to the functions and configurations of the ODAC® Manager are grouped within the main menu and they are accessible from anywhere within the application.

• Specifications are subject to change without notice



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