

xylem



OPC DATA MANAGEMENT

2920 OPC DATA MANGER & 2925 OPC SERVER

BROCHURE
B93-01



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2920 OPC Data Manager

YSI's OPC data management technology seamlessly acquires data from both off-line and on-line YSI analyzers and exports your data into any OPC-enabled SCADA, bioprocess management system or data historian. Our OPC Data Manager and OPC-enabled online monitoring systems feature an internal web server, which allows easy remote access using a web browser. Whether you are networking a single bioreactor system, an entire PD lab or multiple labs or suites, YSI's OPC data management options provide simple connectivity and data management solutions for your process systems.

2920 OPC Data Manager

- Add-on module for off-line YSI 2900 Series biochemistry analyzers or YSI 2900M/2950M Online Monitoring & Control Systems
- Add-on module for off-line YSI 2900 Series biochemistry analyzers or YSI 2900M/2950M Online Monitoring & Control Systems
- Internal web server
- Remote access using IP address and web browser
- Performs extensive error tracking and management
- Sleek, modular design

2925 OPC Server

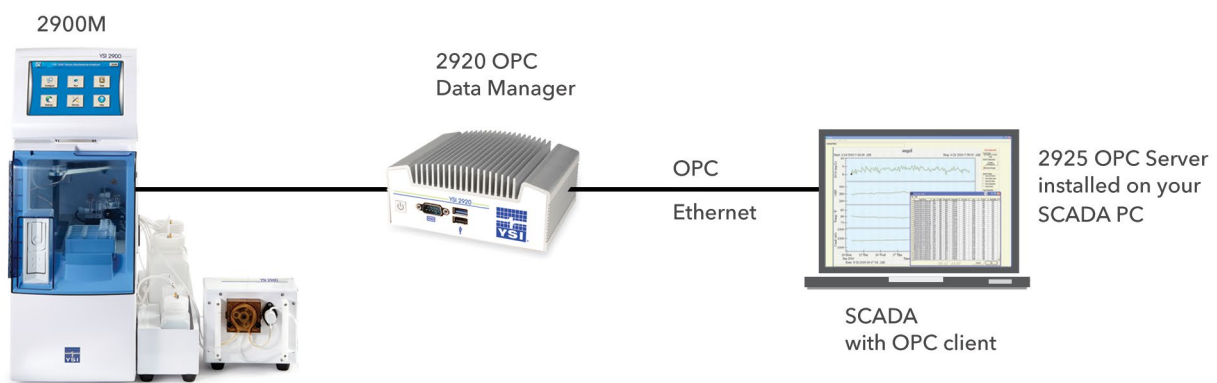
2925 OPC Server Software

- Software for YSI 2920, YSI 2940, and YSI 2980
- Fully compliant OPC UA (Universal Architecture)
- OPC Server only, communicates to OPC-enabled systems with OPC Client
- Exports data into any OPC-enabled system

YSI OPC Server System Requirements

- OS: Windows 7, 32/64 bit
- Ethernet connectivity
- 512 MB RAM
- 10 MB of available hard disk space
- Mouse pointing device

YSI OPC Connectivity and Systems Integration



Specifications

Exterior Housing Design

Housing Material/Color: Material: Aluminum Extrusion Steel Color: Glacier White, PFW500S9 or equivalent

Electrical

External Power Supply: Auto-sensing: 100 - 240 VAC input voltage

Power Output: 60 W

System Requirement: 12 VDC, 5 A

Regulatory Compliance: 2920 OPC Data Manager: CE (EN 55022/EN 55024/EN 55032/EN 60950-1), RoHS, FCC
Power Supply: UL, IEC, CE (EN 55022/EN 55024/EN 55032/ EN 60950-1), RoHS, Efficiency Level 6
*Product assembled at ISO 90001:2015 certified facility

CPU

Rear I/O: 2 USB 2 Ports, 2 Gb LAN Ports, 1 Line-out Connector, 2 HDMI Ports, 1 DC-Jack

Front I/O: 1 USB 2 Port, 1 USB 3 Port, 1 RS-232/422/485 COM Port, Power Button

Storage: 128 GB mSATA SSD

Physical

Dimensions: Width: 14.2cm (5.6 in) Height: 6.2cm (2.4 in) Depth: 10.7cm (4.2 in)

Mounting Options: DIN-mount, VESA-mount, Wall-mount

Monitor: Not included

Accessories: 7ft RJ45 Ethernet Crossover Cable, 6ft RS-232 Null Modem Cable, AC Power Adapter

AC Power Adapter: Width: 11cm (4.3 in) Height: 6.2cm (2.4 in) Depth: 3.2cm (1.3 in)

Case Type: Compact Fanless

Environmental

Ambient Temperature: Operation: 18 - 29°C (64 - 82°F) Storage: -20 - 60°C (-4 - 140°F)

Relative Humidity: Operation: 20 - 80% non-condensing Storage: 10 - 80% non-condensing

Method of Disposal: Electronic waste

Software

Application/Branding: Manufacturer's web-based software will be used and preloaded on system
Software branded per buyer's specifications

OPC Server Option: Manufacturer's OPC software will be branded per buyer's specifications
Communication via Ethernet using SOAP server

Language Capability: English only

OPC: DA - Requires Matrikon UA Tunneller UA - Client

Remote Access Capable: Remote monitoring using system IP address via TCP/IP communication

System Identification: Basic system identification available for viewing to include:
Serial number, software version, IP address

Alarms and Failure Modes: System alarms and associated messaging per buyer's and manufacturer's specifications

Data Export: Basic data export package should include:
Date, Time, Vessel #, Chemistry, Value, Unit of Measurement

Data Viewing: Data viewing options include both tables and graphs
Graphing feature to allow user-defined parameters



YSI Life Sciences develops and manufactures scientific instruments, sensors and systems that serve a variety of scientific and industrial markets worldwide. YSI has a long history in the life sciences and bioanalytical markets, most notably with our introduction of the world's first commercial whole blood glucose analyzer in 1975. Today there are over 10,000 YSI instruments installed around the world, trusted in critical situations to provide the most accurate data in the shortest time.

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