

OPC DATA MANAGEMENT

2920 OPC DATA MANGER & 2925 OPC SERVER

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
- Internal web server
- Remote access using IP address and web browser
- Performs extensive error tracking and management
- Sleek, modular design

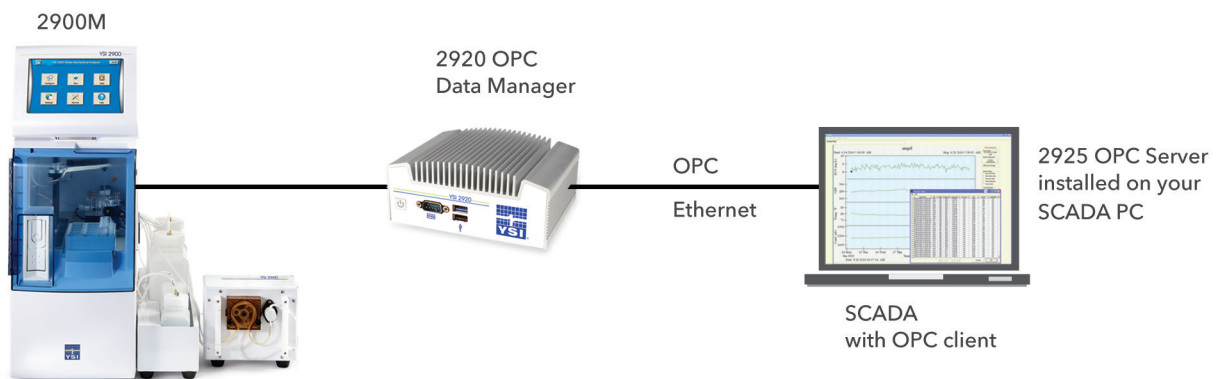
2925 OPC Server Software

- 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



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



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