

PROCENTEC



ProfiTrace

PROFIBUS Troubleshooting Toolkit





ProfiTrace

ProfiTrace is the most powerful mobile analyzer for PROFIBUS networks. ProfiTrace is essential for monitoring, maintenance and fault finding. Your complete PROFIBUS network can be checked easily with only one software package and one piece of hardware. ProfiTrace is easy to use and unites all required elements in one helpful instrument to detect PROFIBUS faults. This outstanding and portable tool boosts the capabilities of service, maintenance and engineering technicians. This results in a higher uptime, lower operational costs and the optimization of the entire production process.

Thousands of satisfied users benefit daily from this powerful tool. Typical failures such as noise, reflections, voltage drops, termination problems, double addresses, wire breaks and configuration faults are easily identified and can be captured and logged. The results can be exported to detailed reports allowing for predictive maintenance and asset management.

PROCENTEC offers three toolkits as a complete solution: Troubleshooting Toolkit Ultra Standard, Troubleshooting Toolkit Ultra Plus and Troubleshooting Toolkit Ultra Pro.

Interested in a free demo? Contact us at info@procentec.com



Hardware features



ProfiCore Ultra

ProfiCore Ultra is the required hardware to use ProfiTrace. This advanced piece of USB hardware has a robust housing and translates PROFIBUS to USB and vice versa. Because of the USB interface, ProfiTrace can be used on both field laptops and desktop PCs. ProfiCore Ultra is standard equipment in all kits.



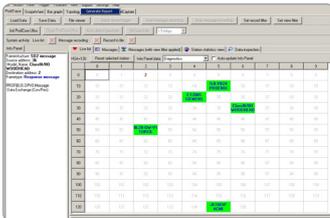
PA Probe Ultra

The PA Probe Ultra is a small but high-tech extension for ProfiTrace that makes it possible to do measurements directly on the PA bus. With the PA Probe you can use ProfiTrace on DP as well as PA networks and cover all installations with on tool.

The PA Probe Ultra is included in the Troubleshooting Toolkit Ultra Pro.



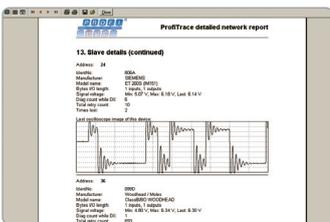
Software features



Live list

The Live List is a matrix overview of all the available devices in the network. The status of all devices is displayed with four different colors. This way, it will be immediately visible what devices could cause problems.

The Live List is standard in all kits.

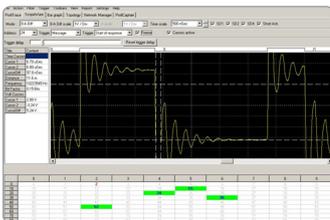


Reporting

The Reporting feature generates a detailed network report that contains the electrical signals of all devices, their faults, the network topology, bar graph and administrative information.

On the front page it provides a conclusion if the installation is approved or not.

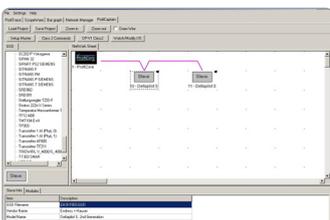
Reporting is standard in all kits.



ScopeWare

The ScopeWare is a real-time oscilloscope for the inspection of the signal quality. Noise, reflections and termination problems can be easily detected. A powerful feature of the ScopeWare is the Bit Interpretation Engine, which displays the bits that ProfiTrace detects on the bus.

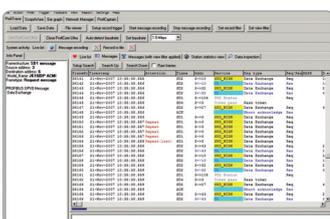
ScopeWare is standard in all kits.



ProfiCaptain

ProfiCaptain is a PC-based PROFIBUS DP master that has been designed for applications like: I/O tests, commissioning, parameterization and demonstrations. It fills the gaps that other products leave open and makes working with PROFIBUS much easier.

ProfiCaptain is included in the Troubleshooting Toolkit Ultra Pro.



OPC Server

The ProfiTrace OPC Server makes it possible to get valuable information like device status, statistics and process variables into applications that carry an OPC client, such as SCADA and Excel.

The OPC Server is included in the Troubleshooting Toolkit Ultra Pro.



Application areas

- Troubleshooting & maintenance of PROFIBUS networks
- Commissioning of PROFIBUS networks
- PROFIBUS product testing and verification
- Passive cable testing
- I/O testing of PROFIBUS devices
- Setting up and diagnosing PROFIBUS devices
- Address setting of PROFIBUS devices
- Interface for bus statistics and device I/O to external apps
- Education



Features toolkits

	Troubleshooting Toolkit Ultra Standard	Troubleshooting Toolkit Ultra Plus	Troubleshooting Toolkit Ultra Pro
Order number	37020	37021	38022
ProfiTrace 2	✓	✓	✓
ScopeWare	✓	✓	✓
ProfiCore Ultra + Tap Connector	✓	✓	✓
Topology	-	✓	✓
ProfiCaptain	-	-	✓
PA Probe	-	-	✓
OPC Server (Client)	-	-	✓

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