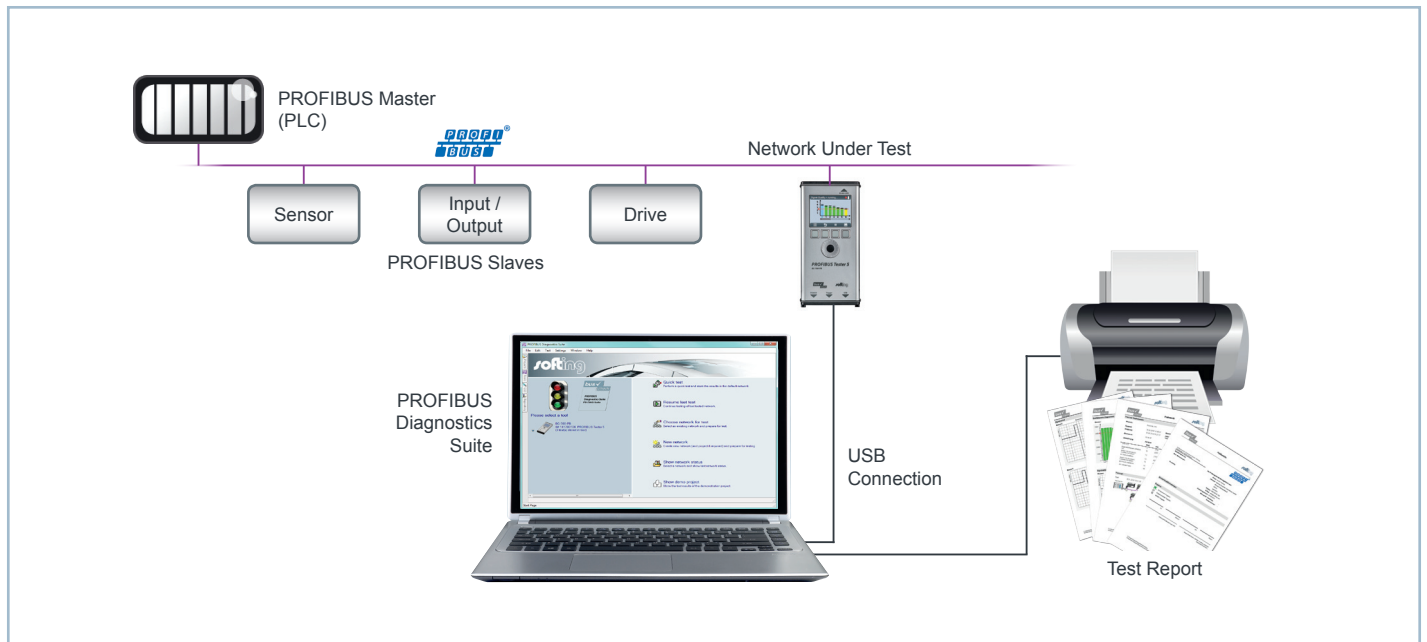


# PROFIBUS Diagnostics Suite

Universal Software for All Diagnostic Tools of the bus check Family

PC software for performing, evaluating and managing tests of bus physics, bus communication and cabling in PROFIBUS networks. The application is extremely easy to use, with a quick test available at a click of the mouse.



## Common software for all diagnostic products

- > Comprehensive analysis of PROFIBUS DP and PROFIBUS PA networks
- > Diagnostic functionality available depending on connected test tool
- > License-free use on any number of PCs – no activation required

## Suitable for the Fieldbus Novice

- > Bus test initiated with a single mouse click
- > Clear, easy-to-read display of test results
- > Separate expert mode providing in-depth diagnostic features for network specialists

## Functionality for All Diagnostic Tasks

- > Continuous display of current bus status in status bar
- > Overall bus health indicated by traffic light symbols for bus physics and bus communication
- > Detail views with additional diagnostic information, also for advanced analyses by experts
- > Testing of bus and connected devices via integrated master simulator without configuration or parameterization
- > Generation of test reports for acceptance testing of PROFIBUS installations

## Functionality of the Test Tools

Test Functions	Operation					Standard Tests										Expert Tests				
	Battery Powered	Graphical Color Display	Galvanic Isolation	Stand-alone Operation	Permanent Bus Status	Cable Test	Network Status						Trend		Test Report	Oscilloscope Analysis	Frame Analysis	Trigger		
							Quick / User-controlled Test	Overview Bus Physics and Communication	Protocol Analysis	Signal Analysis (EIA-485)	Signal Analysis (MBP)	Topology	Master Simulator	Signal Quality				Critical Events	Input	Output
PROFIBUS Tester 5 BC-700-PB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	optional	✓	✓	✓	✓	✓	✓	✓	✓	
PROFIBUS Tester 4 BC-600-PB			✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	
PROFIBUS Monitor BC-502-PB						✓		✓						✓	✓		✓			

## Technical Data

System Requirements	PC Hardware*	RAM	> 500 MB for Windows XP > 1 GB for Windows 7, Windows 8
		Processor	> 1 GHz for recording at baud rates up to 1.5 Mbit/s > 2 GHz for recording at baud rates over 1.5 Mbit/s
		Screen Resolution	> 1024 x 768 pixels (XGA)
		USB Interface 2.0	

Supported Operating Systems: Windows XP, Windows 7, Windows 8

\* The above minimum requirements are only general guidelines. Requirements may vary depending on the PC/notebook used.

## Scope of Delivery

Software	PROFIBUS Diagnostics Suite, PC software on CD-ROM for PROFIBUS Tester 5 BC-700-PB, PROFIBUS Tester 4 BC-600-PB and PROFIBUS Monitor BC-502-PB
Documentation	Manual "Getting Started"

## Order Numbers

PB-DIAG-SUITE	PROFIBUS Diagnostics Suite
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## Additional Products and Services

TRA-PB-TECH	PROFIBUS Technology Training, 2 Days
TRA-PB-TS	PROFIBUS Troubleshooting Training, 3 Days

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