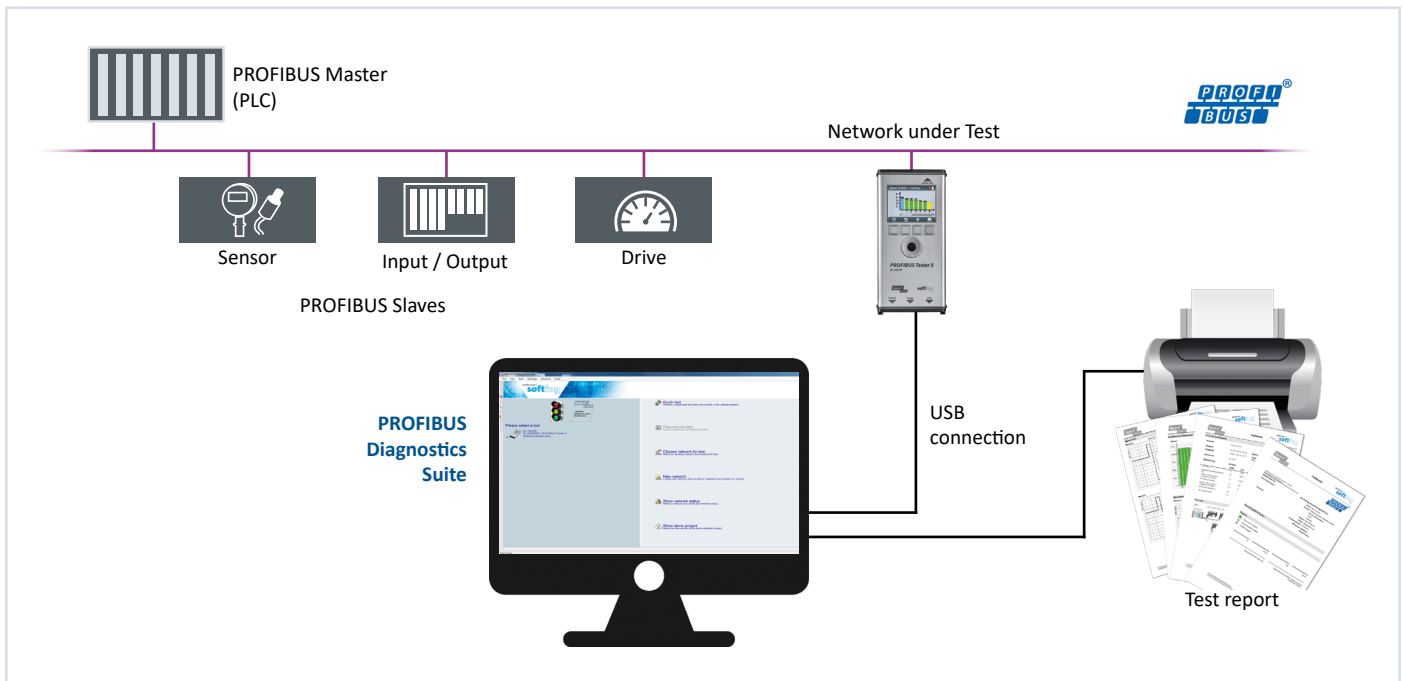


# PROFIBUS Diagnostics Suite

Universal Software for All Diagnostic Tools of the bus check Family

- Analysis software for the PROFIBUS diagnostic hardware of the dataCHECK product family
- Easy to use performing, evaluating and managing tests of PROFIBUS networks
- Testing of Bus physics, communication and cables



## 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

# PROFIBUS Diagnostics Suite

FUNCTIONALITY OF THE TEST TOOLS																					
TEST FUNCTIONS	TESTER FEATURES						STAND-ALONE MODE WITHOUT PC						OPERATION WITH PC AND PROFIBUS DIAGNOSTICS SUITE								
	Battery Powered	Graphical Color Display	Galvanic Isolation	Suitable for PROFIBUS PA Adapter (MPB)	Master Simulator	Trigger Input/Output	Test with Results				Recording		Network Status					Trend		Expert Mode	
							Bus Status	Signal Analysis	Station Localization (Topology)	Oscilloscope	Cable Test	Quick Test	Trend	Quick and User-Controlled Test	Overview Bus Physics and Communication	Protocol Analysis	Signal Analysis (EIA-485)	Signal Analysis (MBP)	Topology	Signal Quality	Critical Events
<b>PROFIBUS Tester 5 (BC-700-PB)</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>PROFIBUS Tester 4 (BC-600-PB)</b>			✓		✓	✓	✓							✓	✓	✓	✓		✓	✓	✓

## Technical Data

System Requirements	PC Hardware*	RAM	> 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 7, Windows 8, Windows 10

\* 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) and PROFIBUS Tester 4 (BC-600-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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