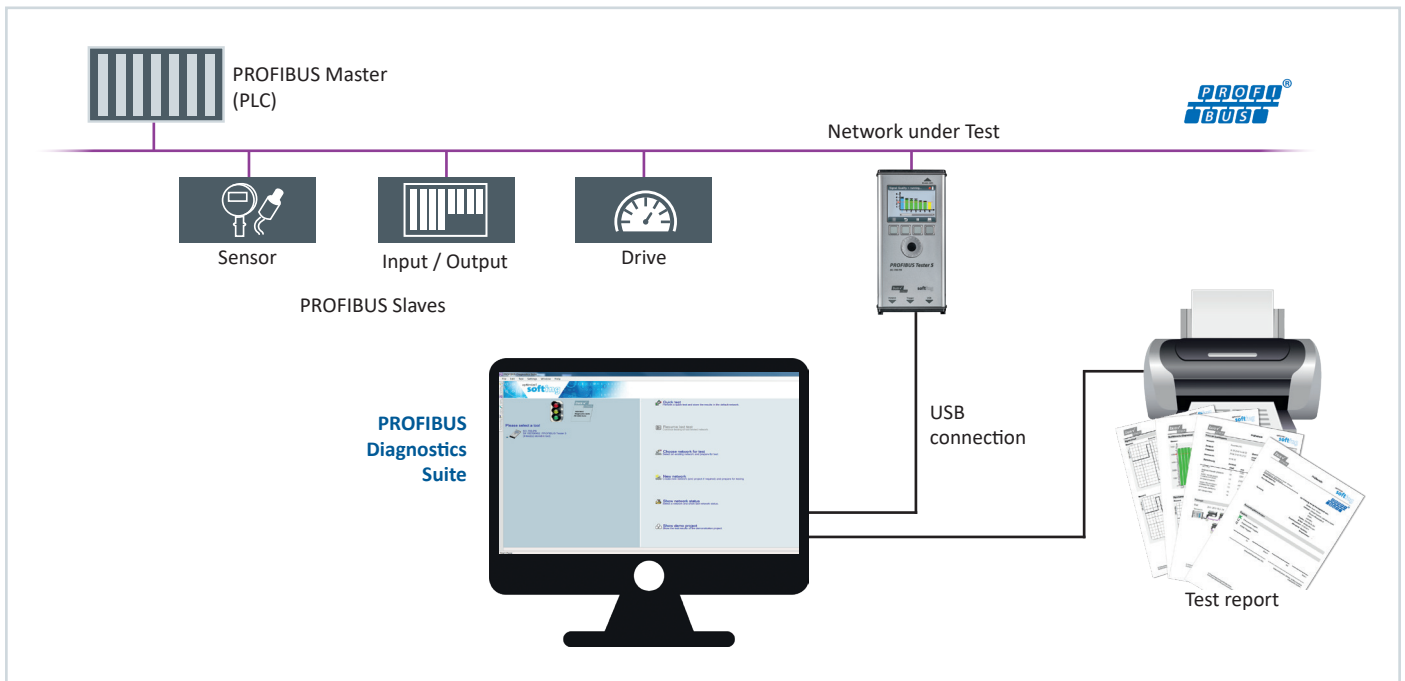


PROFIBUS Diagnostics Suite

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 | Frame Recording |
| PROFIBUS Tester 5 (BC-700-PB) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | optional | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | optional | ✓ | ✓ | ✓ | ✓ | ✓ |
| PROFIBUS Tester 4 (BC-600-PB) | | | ✓ | | ✓ | ✓ | ✓ | | | | | | | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ |

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 |
|---------------|----------------------------|

Additional Products and Services

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

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