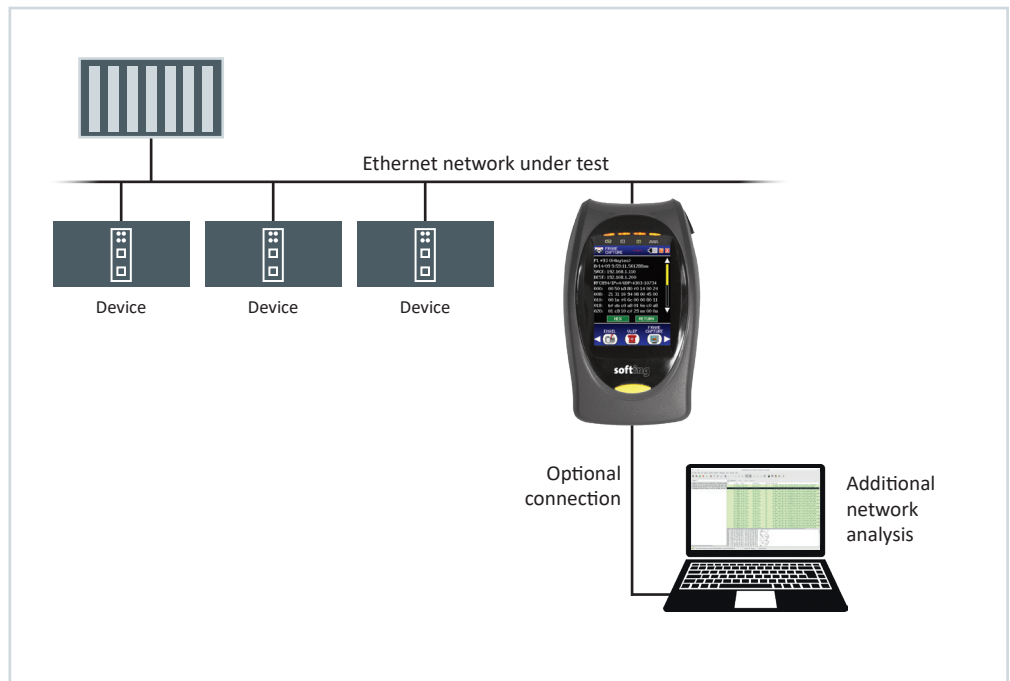


# Industrial Ethernet Tester (BC-200-ETH)

Easy-to-use Hand-held Tester for Universal Ethernet Diagnostics

- Industrial-strength troubleshooting instrument for cable testing, network and data analysis, and bandwidth assessment of Ethernet networks
- Ideal tool for commissioning staff, system integrators and maintenance engineers.



## Easy-to-use Tester

- Color touchscreen
- Intuitive and easy-to-use menu facilitating quick tests
- Clear and easy-to-read display of test results
- Expert mode for additional details and useful troubleshooting tips
- Integrated help system

## Economical Multifunctional Tool

- Cable tester functionality addressing networks checks for short circuits, continuity and incorrect wiring, including location of existing cabling problems
- Protocol analyzer functionality monitoring the network data communication
- Configurable data filters for quick identification and correction of complex problems
- Internal storage of up to 10,000 data packets for further analysis on PC
- Test of installation robustness by injecting different levels of traffic load

## Bandwidth Check for Robust Operation

- Network performance check
- Identification of missing bandwidth for performing real-time data exchange
- Results sorted by protocols and network nodes
- Performance of standardized stress test according RFC2455
- Possible inclusion of results in installation certificates

## Active Functionality for Troubleshooting

- Testing the reachability of defined IP addresses (Ping)
- Diagnosing route and time of packets to destination (Traceroute)
- Searching for active network components (Discovery)

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## Technical Data

Diagnostics Functionality	<ul style="list-style-type: none"><li>• Network analysis with statistical evaluation</li><li>• Expert mode for fault description and correction</li><li>• Network test using Ping, Link Activation and Discovery Functions</li><li>• Packet capture and recording</li><li>• Cable test</li><li>• Traffic generator for assessing network performance</li><li>• Stress test according to RFC 2544</li></ul>
Network Types	10 / 100 / 1000 Base-T
Connectors	<ul style="list-style-type: none"><li>• RJ45 (2) Ethernet / cable test</li><li>• USB A &amp; USB B ports</li><li>• AC adapter for main power supply / battery charging</li></ul>
Display	LCD color display with touchscreen (320 x 240 pixels, RGB)
Dimensions (H x W x D)	165 mm x 100 mm x 68 mm
Power Supply	Lithium ion battery and AC adapter
Operating / Storage Temperature	0 °C ... 45 °C / -10 °C ... 60 °C
Weight	610 g

## Scope of Delivery

Hardware	Industrial Ethernet Tester (BC-200-ETH), power supply unit, patch cable, terminating plug, carrying case
Software	PC Software (on USB stick)
Documentation	Manual in English/German (on USB stick)

## Order Numbers

DDA-JJ-004300	Industrial Ethernet Tester (BC-200-ETH)
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## Additional Products and Services

TRA-PN-TECH	PROFINET - Technology, 2 Days Training
TRA-PN-CERTENG	PROFINET - Troubleshooting and Certified Engineer, 3 Days Training
110-1000-01	Industrial Ethernet – Troubleshooting in Automation , 3 Days Training

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