Industrial Ethernet Tester BC-200-ETH

Easy-to-use hand-held tester for universal Ethernet diagnostics

The Industrial Ethernet Tester BC-200-ETH is an industrial strength troubleshooting instrument for cable testing, network and data analysis, and bandwidth assessment of Ethernet networks. It is an ideal tool for commissioning staff, system integrators, and maintenance engineers.

FEW BUTTONS, EASY-TO-UNDERSTAND, AND EASY-TO-USE MENU

After power-up this compact and extremely robust unit is controlled using a color touch screen. The intuitive and easy-to-use menu facilitates quick tests. On the display, the test results are clear and easy to read. The integrated help system provides assistance whenever you need it. In "Expert Mode" you will find additional details and useful troubleshooting tips in plain text.

ALL-IN-ONE - THE FUNCTIONALITY OF THREE TOOLS COMBINED INTO ONE

As "cable tester", the unit checks the network for short circuits, continuity, and incorrect wiring. It locates any existing cabling problems, even in power-over-Ethernet installations. The "protocol analyzer" functionality monitors the data communication on the network. Configurable data filters help a user to quickly identify and correct complex problems. The unit stores up-to 10,000 data packets that can be downloaded to the PC for further analysis using the PROFINET Diagnostics Suite. The "traffic generator" feature tests the robustness of an installation by injecting different levels of traffic load.

BANDWIDTH CHECK FOR ROBUST OPERATION

Industrial Ethernet networks must offer a minimum bandwidth to permit real-time data traffic. The Industrial Ethernet Tester BC-200-ETH determines the performance of a network and displays the result sorted by protocols and network nodes. This allows identifying and correcting potential problems well in advance. The Industrial Ethernet Tester BC-200-ETH is able to execute a standardized stress test according to RFC2455. The results can be used as part of a certificate.

CUSTOMER BENEFITS

> Easy-to-use
> Economical multifunctional tool
> Verifies robustness of Industrial Ethernet installations

TECHNICAL DATA

Dimensions (LxWxH)	16.5cm x 10.0cm x 6.8cm
Weight	610g
Power Supply	Lithium Ion Battery and AC Adapter
Ambient Conditions	> Operating Temperature: 0°C...45 °C > Storage Temperature: -10°C ...60°C
Display	LCD Color Display with Touch Screen (320 x 240 x RGB)
Network types	10/100/1000 Base-T
Connector Types	> RJ45 (2) Ethernet/Cable Test > USB A & USB B Ports > AC Adapter for Main Power Supply/Battery Charging
Functions	> Network Analysis With Statistical Evaluation > Expert Mode for Fault Description and Correction > Network Test Using Ping, Link Activation and Discovery Functions > Packet Capture and Recording > Cable Test > Traffic Generator for Assessing Network Performance > Stress Test According to RFC 2544

ORDER NUMBER

FDI-AY-1000	Industrial Ethernet Tester BC-200-ETH

ADDITIONAL PRODUCTS AND SERVICES

TRA-PN-TECH	Training "PROFINET - Technology"
TRA-PN-TS	Training "PROFINET - Troubleshooting"
TRA-PN-CERTENG	Training "PROFINET - Certified Engineer"
100-2290-02	Training "Industrial Ethernet - Troubleshooting"

Softing Industrial Automation is a world leading provider of industrial communication products and technologies for manufacturing and process automation. Our products are tailored to the requirements of system integrators, device vendors, machine and equipment manufacturers or end users and are known for their ease-of-use and functional advantages.

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