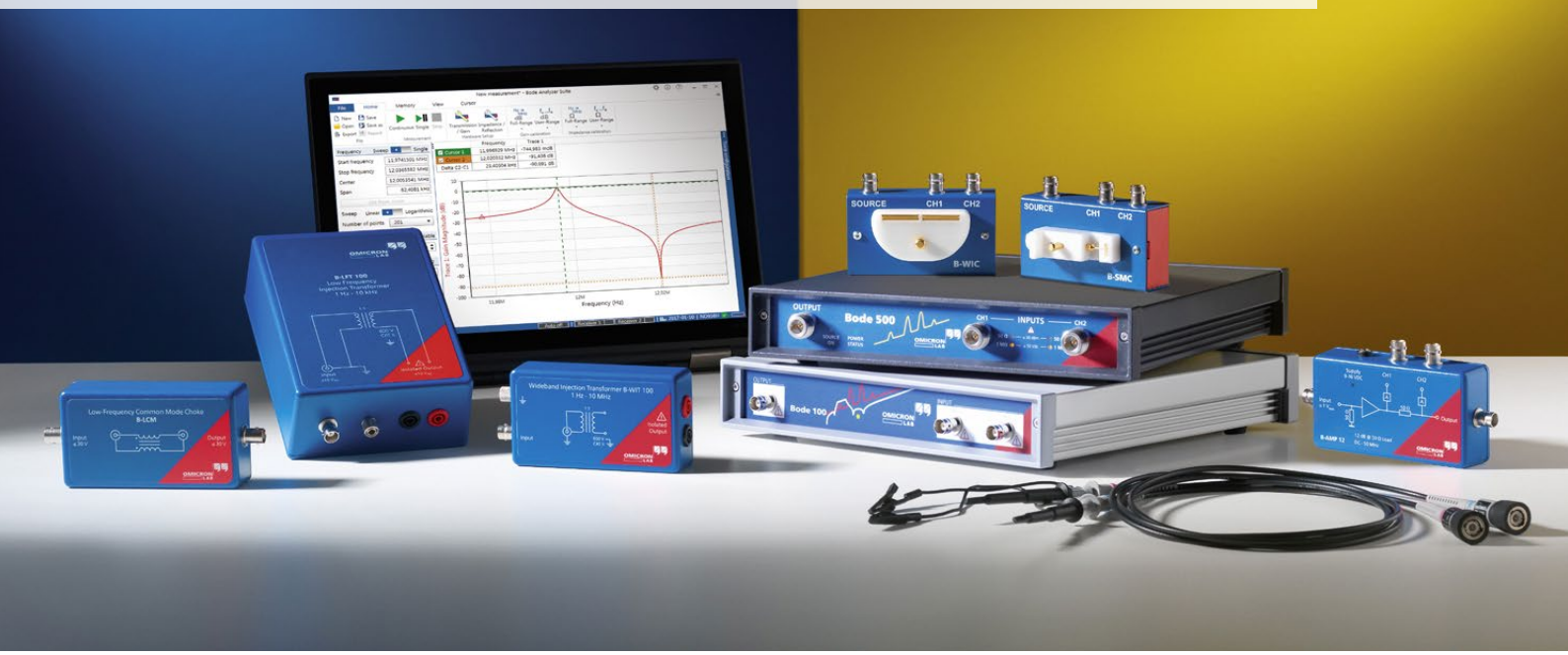
Get the most out of your Bode Analyzer
by using the right accessories



» **Injection Transformers**
Measure loop gain to assess the stability of control loops such as DC/DC converters

» **Impedance Test Fixtures**
Turn your Bode Analyzer into an easy-to-use high-frequency LCR-meter

» **Common Mode Choke**
Reduce ground-loop currents in your test setup

» **Power Amplifier**
Generate signals with a power up to 25 dBm or 22.5 Vpp open-source voltage

» **Passive & Differential Probes**
Perform accurate gain / phase measurements using dedicated probes for your Bode Analyzer

» **Carrying Case**
Protect your Bode Analyzer using a hard-case with custom cut-out foam interior

» **Rack Mount Kit**
Stainless steel mount kit to mount your Bode Analyzer to a 1U 19-inch rack slot

» **RFID Test Fixtures**
Measure contactless resonance-frequency and Q-factor of smart cards

OMICRON LAB

Smart Measurement Solutions®

Injection Transformers B-WIT 100 & B-LFT 100

Wideband Injection Transformer B-WIT 100



Perform reliable and safe **loop gain measurements**. Benefit from the wide usable frequency range (1 Hz - 10 MHz), flat frequency response and low insertion loss.

Key features & technical data:

- Turns ratio: 1:1
- Typ. -3 dB frequency range : 7 Hz – 5 MHz
- Insertion loss at 10 kHz: < 0.5 dB
- Safe operation (600 V CAT II isolation)

Order number: P0005758

Low Frequency Injection Transformer B-LFT 100



Analyze **slow control loops** such as PFC regulators and benefit from a high saturation voltage and safe isolation.

Key features & technical data:

- Turns ratio: 1:1
- Typ. -3 dB frequency range: 0.04 Hz - 30 kHz
- Optimized for low frequency signal injection
- Safe operation (600 V CAT II isolation)

Order number: P0005773

Low Frequency Common Mode Choke B-LCM

Reduce ground-loop current errors in your test setup, such as the Shunt-Thru measurement. Suppress common mode signals to perform differential mode measurements.

Key features & technical data:

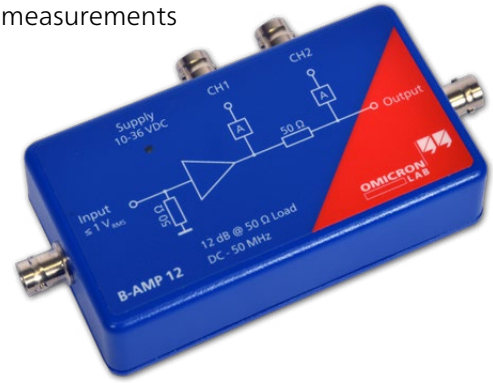
- High common mode to differential mode rejection > 40 dB @ 1 Hz (typ.)
- Usable frequency range: DC to > 50 MHz
- Optimum frequency range: 100 Hz to 10 MHz
- Common Mode Inductance: ≥ 75 mH @ 1 kHz

Order number: P0005778

External Power Amplifier B-AMP 12

Boost the output power of your Bode Analyzer by 12 dB to perform measurements at a power level of up to 25 dBm @ 50 Ω.

Measure impedance using a signal level up to 22.5 Vpp (unloaded).



Key features & technical data:

- Flat frequency range: DC – 50 MHz
- Gain: 12 dB ±0.25 dB
- Impedance measurement ports
- Max power: 25 dBm (DC to 50 MHz)
- Input and output impedance: 50 Ω

Order number: P0005772

Impedance Test Fixtures
B-WIC, B-SMC & B-TCA

Turn your Bode into a powerful **impedance analyzer**. Analyze the frequency response and parasitics of THT and SMD components from 1 Hz - 50 MHz using B-WIC or B-SMC and up to 450 MHz using B-TCA.



B-WIC / B-SMC key features & technical data:

- Optimum measurement range: 20 mΩ to 600 kΩ
- Gold-plated contacts for high reproducibility
- Spring loaded contacts for easy handling

Order number B-SMC: P0005759
Order number B-WIC: P0005760
Order number B-TCA: available soon

Carry Case for Bode Analyzer

A colorful protective case for the Bode 100 or Bode 500, featuring a custom cut-out foam interior. It can hold the Bode Analyzer including cables, power supply and up to 4 accessories.



- Dimensions (w x h x d):
  44.5 cm x 36.5 cm x 13.7 / 17.5 inch x 14.4 inch x 5.4 inch
- Weight (empty case): 1.5 kg / 3.3 lb

Order number: E1399000

Passive Probes PML 111O & PHV 1000-O

Use the specially designed passive probes for accurate Gain / Phase measurements. The probes are manufactured by PMK GmbH in Germany and specifically made for the use with the Bode Analyzers.



10:1 Probe PML 111O

- Passive 10:1 probe with 1 MΩ design for low-noise measurements from DC to > 50 MHz
- Compact 2.5 mm probe design with exchangeable gold plated spring-tip
- 1 MΩ || 12.5 pF input impedance, maximum rated input voltage: 400 V



100:1 High Voltage Probe PHV 1000-O

- Passive 100:1 probe designed for applications with higher voltages
- 5 mm probe design with exchangeable gold plated spring-tip
- 50 MΩ || 7.5 pF input impedance, maximum rated input voltage: 2000 V

Order number PML 111O: B1666600
Order number PHV 1000-O: P0008137

Active Differential Probe TT-SX 9001



Use the active high voltage probe from Testec for safe measurements up to 700 Vpeak.

- Avoid grounding issues or perform measurements on floating voltages
- Max. 70 Vpeak in 10x setting and 700 Vpeak in 100x setting
- Bandwidth: DC to 30 MHz (-3 dB)

Order number: P0008390

Contactless Test Fixtures B-RFID



Perform contactless resonance-frequency and Q-factor measurements on ISO 14443-1:2008 smart cards. Use the slide-in card holding mechanics to perform close-distance and 10 mm distance measurements.

Order numbers:

B-RFID-A for Class 1 smartcards:	P0005774
B-RFID-B for Class 3 smartcards:	P0005775
B-RFID-C for Class 6 smartcards:	P0005776
Kit (A+B+C):	P0005777

Rack Mount Kit B-RMK-10

A high-quality stainless-steel kit to mount a Bode Analyzer to a 1U 19-inch rack slot.



Weight: 0.42 kg / 0.94 lb
Dimensions: 48.2 cm x 15.2 cm x 4.4 cm / 19 inch x 5.96 inch x 1.72 inch

Order number: P0001108

Product specifications and descriptions in this document are subject to change without notice.

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V3-2404