

BITE® ACCESSORIES

For Improved Battery Maintenance



- Enhances the capabilities of the BITE product line
- Designed for unique application situations
- The right tools for battery testing
- Facilitates complete battery testing

Megger offers a complete line of accessories to enhance the capabilities of the BITE product line.

Probe Extension Kit for BITE2/2P

These probe extensions are mounted on the end of the BITE2/2P receiver pistols. This allows the receiver to measure either battery cells and/or intercell connection straps located in small, tight spaces. Cat. No. 34943-000 extensions can reach up to 12 inches.

Cat. No.: 34943-000

Dimensions: 18.15 x 1.95 x 1.30 in.

Weight: 1.88 lbs

Material: G10 / FR4 Gardlite glass fabric tube

- Includes:
- (2) 12 in. extension rods
 - (2) rod - receiver adapter assemblies
 - (2) straight probe tips
 - (2) hooked probe tips
 - (2) right-angle probe tips
 - (2) 45° probe tips



Cat. No. 34943-000



Cat. No. 34943-002

Probe Extension Kit for BITE2/2P

These probe extensions are mounted on the end of the BITE2/2P receiver pistols. This allows the receiver to measure either battery cells and/or intercell connection straps located in small, tight spaces. Cat. No. 34943-001 extensions can reach up to 24 inches.

Cat. No.: 34943-001

Dimensions: 29.49 x 1.95 x 1.30 in.

Weight: 2.30 lbs

Material: G10 / FR4 Gardlite glass fabric tube

- Includes:
- (4) 12 in. extension rods
 - (2) rod - receiver adapter assemblies
 - (2) straight probe tips
 - (2) hooked probe tips
 - (2) right-angle probe tips
 - (2) 45° probe tips



Probe Extension Kit for BITE2/2P

These probe extenders are mounted on the 34943-000 extension kit, and add an additional 12 inches to it.

Cat. No.: 34943-002

Length: 12 in. (each rod)

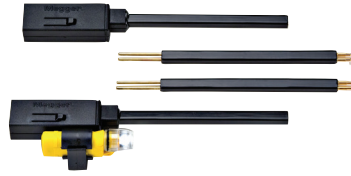
Weight: 6.74 oz

Material: G10 / FR4 Gardlite glass fabric tube

- Includes:
- (2) 12 in. extension rods

10-piece Lighted Probe Extension Kit for BITE3

These lighted probe extensions are mounted on the end of the BITE3 pistol probe. This allows the BITE3 to measure either battery cells and/or intercell connection straps located in small, tight spaces. Cat. No. 35865 extensions can reach up to 27 inches.



- Cat. No.: 35865
- Length: 12 in., extends to 27 in.
- Weight: 1.0 lbs
- Material: ABS plastic
- Includes: (2) 12 in. extension rods
(2) 6 in. extension rods
(2) rod - receiver adapter assemblies
(2) pointed tips

CT Miniature Current Sensor for BITE2/2P, 1/2 in. Opening, 2-1/2 ft. Lead

The mini CT is plugged into the BITE2/2P receiver and used to measure the test current from the BITE2/2P transmitter. Its small size allows for use in confined areas where space is limited.



- Cat. No.: 246034
- Dimensions: 4.44 x 1.34 in.
- Weight: 5.6 oz
- Current Range: 0 A to 150 A

CT Extension Cable for BITE2/2P

The CT extension cable connects the CT, used to measure the test current, and the BITE2/2P receiver, increasing its length to 20 ft. This is ideal for long battery strings.



- Cat. No.: 33864-2
- Length: 20 ft.
- Gauge: 22 AWG
- Material: Polypropylene

Bar Code Scanner with Preprinted Code Sheet for BITE2/2P

The bar code scanner identifies the battery string to be tested by the BITE2, tagging the individual test data to a particular battery string.



- Cat. No.: 246201
- Dimensions: 5.98 x 2.84 x 0.866 in.
- Weight: 2.89 oz

Tip Kit for BITE3

The tip kit contains replacement tips for the BITE3 pistol probes.



- Cat. No.: BI-10017
- Dimensions: 1.42 x .156 in.
- Material: Gold plated over nickel
- Includes: (4) waffle tips

Quick Disconnect Lead Set for BITE3

The quick disconnect lead allows the BITE3 to be used in strings utilizing spade lugs in their configuration.



- Cat. No.: BI-10006
- Length: 54 in. (typical)
- Tip Type: Female spade terminal

Kelvin Clip Lead Set for BITE3

The Kelvin clip allows the BITE3 to be clipped directly to the battery terminals and straps when performing the measurements.



- Cat. No.: BI-10005
- Length: 54 in. (typical)
- Tip Type: Kelvin

AMP/Burndy Lead Set for BITE3

The burndy leads allow the BITE3 to be used in strings utilizing 2-pin amp connectors in their configuration.



- Cat. No.: BI-10004
- Length: 54 in. (typical)
- Tip Type: 2-pin male amp connector

Dual Point Lead Set, 6 ft.

The dual point lead set is designed for measuring battery straps up to six-ft long for battery rooms with split string design. They are six feet from probe to probe.



- Cat. No.: 36616
- Length: Probe to unit, 84 in. (typical)
Probe to probe, 80 in. (typical)
- Tip Type: Dual-tip waffle

Battery Operated Printer for BITE3

The printer is connected to the serial port of the BITE3. The recorded data can then be printed out immediately.

- Cat. No.: 35755-3
- Dimensions: 6.30 x 6.70 x 2.62 in.
- Weight: 18.7 oz



Hard-Sided Carrying Case for BITE3

The foam cutouts fit the instrument and its accessories.

- Cat. No.: 35890
- Length: 23 x 16 x 10 in.
- Weight: 8 lbs
- Material: High-density Polyethylene



USB/RS232 Adapter for BITE3

The USB/RS232 adapter connects to the BITE3 serial port and the PC USB port. The adapter allows the BITE3 to communicate with PCs that do not have serial ports.

- Cat. No.: 35871
- Length: 3-ft extension cable
- Weight: 2 oz



PowerDB

Power DB is a powerful software package that operates with the BITE2, BITE2P and BITE3.



Power DB allows you to transfer and analyze data from the BITE units and create custom reports with your companies logo. Power DB will allow you to trend voltages, impedances, strap resistances, cell temperature as well as specific gravity. Power DB will display the ripple current, float current, ambient temperature, calculate baseline data as well as having a location for a picture or diagram graphics. IDEAL FOR NERC and FERC requirements! Power DB comes in several versions including the freeware version DB LITE and the Power DB Advanced.

The full-version Power DB is a purchased copy that supports all the functions of Power DB LITE plus it operates with almost all Megger products and allows the user to merge data from different products onto one report.

Cat. No.: 1001-381 (PowerDB Lite)

Spare Battery for BITE3

- Cat. No.: 6121-492
- Type: NiMH battery pack



8-Channel Digital Hydrometer Kit for BITE Series

The digital hydrometer measures the specific gravity of the battery electrolyte. The kit includes a data logger that allows the operator to transfer the recorded hydrometer data into the BITE battery report using the PowerDB software.

- Cat. No.: 2001-692
- Dimensions: 5.5 x 5.4 x 1.0 in.
- Weight: 12.2 oz
- Measurement Density Range: 0 g/cm³ — 3 g/cm³
- Operating Temp. Range: 14° F to 122° F (10° C to 50° C)



Calibration Shunts

The accuracy of all BITEs can be easily checked in the field using one of Megger's NIST-traceable shunts. Simply check the BITE using a shunt in the range of a typical battery impedance value.



| Cat. No. | Current Rating | Weight |
|----------|----------------|----------|
| 249003 | 10 A | 11.2 oz. |
| 249004 | 100 A | 9.6 oz. |
| 249005 | 500 A | 16.0 oz |

Dimensions: 5.94 x 1.18 in.

Current Transformer Kit for BITE3

The CT kit connects to the BITE3 allowing the measurement of escaped current. This permits impedance testing to be performed on parallel battery strings without the need to sectionalize the string.

- Cat. No.: 35873
- Dimensions: 2.6 x 7.68 x 14.82 in. (ID 1.3 in.)
- Weight: 14.82 oz
- Current Range: 0 A to 600 A



FLEX CT FOR BITE2 AND BITE3

This Flex CT allows can be used with the BITE2 to measure AC ripple and test current. Will easily fit around large cables and bus bars.

The BITE3 version can be used with parallel strings so there is no need to isolate strings.



- Accuracy: 1% of reading +/- 0.2mA
- Power Source: 4 AA Alkaline Batteries NEDA 15A, IEC LR6
- ID: 6 inches (152.4mm)
- Length: Total Cable Length 9 feet (274.3cm)
- Weight: 12oz (340g) with batteries
- CAT No. for BITE2 version: MCCA-100B2
- CAT No. for BITE3 version: MCCA-100B3

| ORDERING INFORMATION | | | |
|---|------------|--|------------|
| Item | Cat. No. | Item | Cat. No. |
| Probe extension kit, 12 in. (30 cm) for BITE2 and BITE2P | 34943-000 | Lead set, 6 ft (1.8 m) probe to probe | 36616 |
| Probe extension kit, 24 in. (60 cm) for BITE2 and BITE2P | 34943-001 | Battery operated printer for BITE3 | 35755-3 |
| Extensions, 12 in. (30 cm), pair for BITE2 and BITE2P | 34943-002 | USB/RS232 adapter for BITE3 | 35871 |
| Lighted probe extension kit, 12/27 in. (30/70 cm), for BITE3 | 35865 | Spare battery for BITE3 | 6121-492 |
| Miniature 1/2 in. CT for BITE2 and BITE2P | 246034 | 8 channel digital hydrometer kit | 2001-692 |
| CT extension cable, 20 ft (6 m) for BITE2 and BITE2P | 33864-2 | Current transformer kit for the BITE3 | 35873 |
| Bar code scanner kit (w/preprinted code sheet) for BITE2 and BITE2P | 246201 | Hard-sided carrying case for BITE3 | 35890 |
| Tip kit for BITE3 | BI-10017 | PowerDB Lite | 1001-381 |
| Quick disconnect lead set, 54 in. (137 cm) | BI-10006 | Calibration shunt, 0.01 Ω current rating 10 A | 249003 |
| Kelvin clip lead set, 54 in. (137 cm) | BI-10005 | Calibration shunt, 0.001 Ω current rating 100 A | 249004 |
| AMP/Burndy lead set, 54 in. (137 cm) | BI-10004 | Calibration shunt, 0.0001 Ω current rating 500 A | 249005 |
| Flex CT (6 inch) for the BITE2 | MCCA-100B2 | Flex CT (6 inch) for the BITE3 | MCCA-100B3 |

UK
Archcliffe Road, Dover
CT17 9EN England
T +44 (0) 1 304 502101
F +44 (0) 1 304 207342
UKsales@megger.com

UNITED STATES
4271 Bronze Way
Dallas, TX 75237-1019 USA
T 1 800 723 2861 (USA only)
T +1 214 333 3201
F +1 214 331 7399
USsales@megger.com

OTHER TECHNICAL SALES OFFICES
Valley Forge USA, College Station
USA, Sydney AUSTRALIA, Täby
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