

# 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



**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



**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



**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/cm<sup>3</sup> — 3 g/cm<sup>3</sup>
- Operating Temp. Range: 14° F to 122° F (10° C to 50° C)



**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)

**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



**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.

**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



**MAINS POWER ADAPTER FOR BITE3**

Power the BITE3 off of ac; no need for a battery pack

- CAT No. with EU plug: 1003-172
- CAT No. with UK plug: 1003-093
- CAT No. with US plug: 1003-171

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	USB/RS232 adapter for BITE3	35871
Extensions, 12 in. (30 cm), pair for BITE2 and BITE2P	34943-002	Spare battery for BITE3	6121-492
Lighted probe extension kit, 12/27 in. (30/70 cm), for BITE3	35865	8 channel digital hydrometer kit	2001-692
Miniature 1/2 in. CT for BITE2 and BITE2P	246034	Current transformer kit for the BITE3	35873
CT extension cable, 20 ft (6 m) for BITE2 and BITE2P	33864-2	Hard-sided carrying case for BITE3	35890
Bar code scanner kit (w/preprinted code sheet) for BITE2 and BITE2P	246201	PowerDB Lite	1001-381
Tip kit for BITE3	BI-10017	Calibration shunt, 0.01 Ω current rating 10 A	249003
Quick disconnect lead set, 54 in. (137 cm)	BI-10006	Calibration shunt, 0.001 Ω current rating 100 A	249004
Kelvin clip lead set, 54 in. (137 cm)	BI-10005	Calibration shunt, 0.0001 Ω current rating 500 A	249005
AMP/Burndy lead set, 54 in. (137 cm)	BI-10004	Mains power adapter for BITE3 w/US plug	1003-171
Flex CT (6 inch) for the BITE2	MCCA-100B2	Mains power adapter for BITE3 w/ EU plug	1003-172
Flex CT (6 inch) for the BITE3	MCCA-100B3	Mains power adapter for BITE3 w/UK plug	1003-093