Megger®

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.

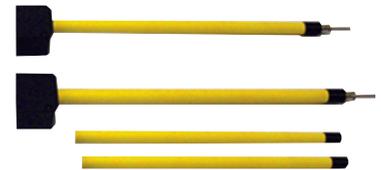|	
Cat. No.:	34943-000
Dimensions:	18.15 x 1.95 x 1.30''
	(461 x 50 x 33 mm)
Weight:	1.88 lbs (0.853 kg)
Material:	G10 / FR4 Gardlite glass fabric tube
Includes:	(2) 12 in. extension rods
	(2) rod - receiver adapter assemblies
	(2) straight probe tips
	(2) hooked probe tips
	(2) right-angle probe tips
	(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"
	(747 x 50 x 33 mm)
Weight:	2.30 lbs (1.04 kg)
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" (305 mm), extends to 27"
	(686 mm) Each rod
Weight:	6.74 oz (191 g)
Material:	G10 / FR4 Gardlite glass fabric tube
Includes:	(2) 12 in. extension rods

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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" (305 mm), extends to 27"(686 mm)
Weight:	1.0 lbs (0.454 kg)
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" (113 x 34 mm)
Weight:	5.6 oz (159 g)
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. (6 m)
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.:	1013-163
Dimensions:	6.7 x 4.1 x 2.7" (170 x 104 x 67 mm)
Weight:	5.4 oz (153 g) (without cable)

TIP KIT FOR BITE3

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

Cat. No.:	BI-10017
Dimensions:	1.42 x .156" (36 x 40 mm)
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" (1.37 m) (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" (1.37 m) (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" (1.37 m) (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" (2.13 m) (typical)
	Probe to probe, 80" (2 m) (typical)
Tip Type:	Dual-tip waffle

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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 (0.91 m) extension cable
Weight:	2 oz (56.7 g)

SPARE BATTERY FOR BITE3

Cat. No.:	6121-492
Type:	Li-ion 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" (140 x 137 x 25.4 mm)
Weight:	12.2 oz (346 g)
Measurement Density Range:	0 g/cm3 — 3 g/cm3
Operating Temp. Range:	14° F to 122° F (10° C to 50° C)

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"(66 x 195 x 376 mm) (ID 1.3 in.) (33 mm)
Weight:	14.82 oz (420 g)
Current Range:	0 A to 600 A

HARD-SIDED CARRYING CASE FOR BITE3

The foam cutouts fit the instrument and its accessories.

Cat. No.:	35890
Length:	23 x 16 x 10" (584 x 406 x 254 mm)
Weight:	8 lbs (3.63 kg)
Material:	High-density Polyethylene

POWERDB

Power DB is a powerful software package that operates with the all BITE battery testers.

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)

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" (151 x 30 mm)	

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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

BITE3 CONCENTRIC PROBES

Concentric tip probes for the BITE3. These probes can be used to access batteries that have protective caps on them. They can fit in access holes approximately 3mm wide.

Cat. No.:	90037-561
Tip Length	- 11.75mm (½")
Cat. No.:	90037-928
Tip Length	- 25.4mm (1")

ORDERING INFORMATION

Item (Qty)	Cat. No.	Item (Qty)	Cat. No.
Probe extension kit, 12 in. (30 cm) for BITE2 and BITE2P	34943-000	Flex CT (6 inch) for the BITE2	MCCA-100B2
		Flex CT (6 inch) for the BITE3	MCCA-100B3
Probe extension kit, 24 in. (60 cm) for BITE2 and BITE2P	34943-001	Lead set, 6 ft (1.8 m) probe to probe	36616
		USB/RS232 adapter for BITE2 and 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. (30/70cm), for BITE3	35865	8 channel digital hydrometer kit	2001-692
		Current transformer kit for the BITE3	35873
Miniature 1/2 in. CT for BITE2 and BITE2P	246034	Hard-sided carrying case for BITE3	35890
CT extension cable, 20 ft (6 m) for BITE2 and BITE2P	33864-2	PowerDB Lite	1001-381
		Calibration shunt, 0.01 Ω current rating 10 A	249003
Bar code scanner kit (w/preprinted code sheet) for BITE2 and BITE2P	1013-163	Calibration shunt, 0.001 Ω current rating 100 A	249004
		Calibration shunt, 0.0001 Ω current rating 500 A	249005
Tip kit for BITE3	BI-10017	Mains power adapter for BITE3 w/US plug	1003-171
Quick disconnect lead set, 54 in. (137 cm)	BI-10006	Mains power adapter for BITE3 w/ EU plug	1003-172
Kelvin clip lead set, 54 in. (137 cm)	BI-10005	Mains power adapter for BITE3 w/UK plug	1003-093
AMP/Burndy lead set, 54 in. (137 cm)	BI-10004	BITE3 Concentric Probes (Tip Length - 11.75mm (½"))	90037-561
		BITE3 Concentric Probes (Tip Length - 25.4mm (1"))	90039-928

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