

# BITE® ACCESSORIES

## 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. Several are listed here, but there are many others including extension cables, calibration shunts, and more, which are not listed. Please contact us for further information. Also, we are continually evaluating additional products as interest arises.

### RopeCT™ (Current Transformer)

The RopeCT is a flexible, highly accurate current transformer for measuring current flow in larger battery systems with larger buss work. It comes in two lengths, 24 in. (60 cm) and 36 in. (90 cm) for 8 in. (20cm) and 12 in. (30 cm) diameters, respectively. Since it is flexible, it could form into an oval to easily fit around most any buss work or intercell connection configuration. The RopeCT is designed specifically for use with the BITE 2, BITE 2P, and the BITE 3. Check the Ordering Information to select the right one.



### Miniature 1/2 in. (12 mm) CT (Current Transformer)

In some installations, it is difficult to attach the standard 2 in. (50mm) CT due to the size limitations of the site or size of the cable. To overcome this situation, Megger now offers a 1/2 in. (12 mm) CT for smaller gauge wires and for tight spaces.

### Probe Extensions

Probe extensions are available for most BITE models. They are mounted on the probes of the MBITE and BITE 3 or on the Receiver and Potential probe of the BITE 2 and BITE 2P. They are excellent for reaching battery terminals and interconnectors in cabinetized and racked batteries. They are also helpful for reaching batteries on the top rack of a three-tier, two-row rack. One set of probe extension kits consists of two adapters, two 12 in. (30 cm) extensions and six tips. Extensions are threaded for easy assembly. Simply remove the extension and screw the tip into the adapter for normal use. The other tips have a 90°, 135° (45°) and a 180° bend for easy access to most battery configurations. The BITE 3 has snap-on adapters and slide-on/off extensions and tips.



### Digital Hydrometer (with Memory Module)

The digital hydrometer accurately and quickly determines specific gravity of flooded cells. Simply draw the electrolyte into it; the specific gravity and temperature are determined in five seconds. It provides memory for both temperature and specific gravity for eight tests of 256 cells each. The stored data can be easily downloaded into any PC using the included software or into ProActiv, Megger's battery database management software.



**Optional Lead Sets for BITE 3**

There is a range of optional lead sets available for the BITE 3 designed for specific battery configurations that are difficult to test with standard lead sets. One is for AMP/Burndy connectors where the battery harness is connected to a buss via an AMP/Burndy style connector. A Kelvin clip lead set is available for on-line or off-line batteries. For those batteries with spade style connectors, there is a quick disconnect lead set.



Another set is designed for measuring battery straps up to six ft long for battery rooms with split string design. They are six ft from probe to probe.



**Bar Code Wand**

The bar code wand is used to enter header and cell information into the MBITE, BITE 2, and BITE 2P. Once the information is entered, it becomes a permanent part of the string's and/or cell's record. It comes with a preprinted and laminated sheet with alphanumeric bar codes and commands (such as "Enter"). Bar code label printing software is available as an option.

**COMLink Software**

COMLink is a tool for downloading data from MBITE, BITE 2, and BITE 2P to a PC or laptop. (COMLink files can be imported by ProActiv.) It is shipped FREE with every BITE.

**ProActiv**

ProActiv is a battery database management software tool that downloads data and information from the MBITE, BITE 2, BITE 2P, BITE 3 and the digital hydrometer (with memory module). ProActiv trends impedance, voltage, specific gravity and temperature data, calculates cells' deviations from the bank average, variation from a baseline and the change in impedance from the previous test. In addition, using its basic reporting structure, budgetary replacements can be planned rather than based on emergency situations. ProActiv is free and is shipped with every BITE.

**USB-Serial Adapter**

Most laptops do not offer RS-232 serial ports. Megger offers an adapter to connect an instrument's RS-232 cable to a laptop's USB port.

**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.



**Transit Cases**

The transit cases are extremely durable for the purpose of shipping the appropriate BITE product to many different locations with ease and to prevent shipping damage. They are replete with retractable handles, sturdy foam on the interior walls, and wheels.

**ORDERING INFORMATION**

Item (Qty)	Cat. No.	Item (Qty)	Cat. No.
Rope CT, 24 in. (60 cm) for BITE 2 and 2P	246050	Optional Lead Sets for BITE 3:	
Rope CT, 36 in. (90 cm) for BITE 2 and 2P	246051	AMP/Burndy lead set, 56 in. (140 cm)	BI-10004
Rope CT, 24 in. (60cm) for BITE 3	246053	Kelvin Clip lead set, 38 in. (96 cm)	BI-10005
Rope CT, 36 in. (90cm) for BITE 3	246054	Quick disconnect lead set, 45 in. (115 cm)	BI-10006
Miniature 1/2 in. CT for MBITE, BITE 2 and 2P	246034	Lead set, 6 ft (1.8 m) probe to probe	36616
CT extension cable, 20 ft (6 m) for MBITE, BITE 2 and 2P	246033	Bar code wand kit (w/laminated sheet) for MBITE, BITE 2 and 2P	246036
Standard probe extensions kit, 12 in. (30 cm) for MBITE, BITE 2 and 2P	34943-000	Bar code label printing software	246039
Enhanced probe extensions kit, 24 in. (60 cm) for MBITE, BITE 2 and 2P	34943-001	COMLink downloading software (included on ProActiv disc)	35303-2
Extensions, 12 in. (30 cm), pair for MBITE, BITE 2 and 2P	34943-002	ProActiv	BI-90001
Lighted probe extension kit, 12/27 in. (30/70 cm) for BITE 3	35865	USB-serial adapter	35871
Digital hydrometer	246052	Calibration Shunt, 0.01 Ω, current rating 10A	249003
		Calibration Shunt, 0.001 Ω, current rating 100A	249004
		Calibration Shunt, 0.0001 Ω, current rating 500A	249005
		Transit Case for BITE 2P	35491
		Transit case for BITE 3	35915