

AcraDyne's high-performance cordless tools deliver precise torque and/or angle to the fastener. Innovative technology guarantees repeatable torque results every time, ensuring you meet your most important goal – creating quality products. The tools are available in three model types:

1 AB-CTA
Transducer
Shut-Off
Tool

Controls Torque
and Angle

2 AB-MTA
Clutch
Shut-Off
Tool

Measures
Torque and
Reports Angle

3 AB-MCA
Clutch
Shut-Off
Tool

Monitors Torque
as Determined
by Current and
Reports Angle



FEATURES AND BENEFITS OF ALL AB TOOLS

- Self-Controlling Tools
Can run stand alone or in conjunction with an iBC ACE Platform controller as a line interface
- Tool programming done with no-cost AcraDyne Tool Manager software using USB cable interface to PC
- Selectable vibration alarm provides tactile feedback
- 100 programs with 6 steps per program available
- Job functionality for sequencing and/or bolt counting
- Programmable
 - Torque
 - Angle
 - RPM
 - Time
 - Fastening direction
- Multicolor LED status screen
- 150,000 results stored on-board

Torque Ranges

AB-CTA	<ul style="list-style-type: none"> • Pistol Tool: 1.5–17 Nm • Straight Tool: 1.5–17 Nm • Angle Tool: 1.5–120 Nm • Tubenut Tool: 3.0–20 Nm
AB-MTA	<ul style="list-style-type: none"> • Pistol Tool: 1.0–17 Nm • Straight Tool: 1.0–17 Nm • Angle Tool: 2.5–115 Nm
AB-MCA	<ul style="list-style-type: none"> • Pistol Tool: 1.0 –17 Nm • Straight Tool: 1.0 –17 Nm • Angle Tool: 2.5 –115 Nm

CTA Series

Controls Torque and Angle

The AB-CTA Series provides the most sophisticated option in the AcraDyne cordless tool line. The Transducer Shut-Off means precise torque measurement with high accuracy and traceable results. Transducer shut-off allows speed adjustment and provides the ability to reject conditions such as cross threads and double hits on a fastener.



MTA Series

Measures Torque and Reports Angle

The AB-MTA Series controls torque to the fastener with a precision Clutch Shut-Off mechanism. This technology increases productivity by allowing the tool to run at higher speeds and with minimal overshoot. The highly accurate clutch reduces torque reaction transmitted to the operator through its speed of shut-off at the moment reaction forces are generated.

MCA Series

Monitors Torque as Determined by Current and Reports Angle

The AB-MCA series is the most cost-effective solution in the AcraDyne AB line. The series includes the shut-off benefits of the MTA series, but without the expense associated with a transducer. Torque applied is reported based on the current consumed by the motor at the moment the tool completes its tightening event. Angle delivered to the fastener is reported as well. For applications where highest precision is not required, the AB-MCA series provides data related to the fastening operation and great value to budget.



Batteries & Chargers

BATTERIES

- Li-Ion for best energy density
- Deep-discharge protection prevents battery failure
- All AB models utilize the same battery connection and chargers
- Batteries available in 2.5 Ah or 5.5 Ah



AB-B1825LI



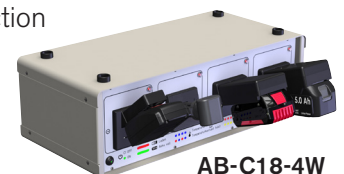
AB-B1850LI

BATTERY CHARGERS

- Battery defect detection
- Microprocessor-controlled charging: Charging time is dependent on the capacity of the battery
- Reverse polarity protection
- Automatic battery voltage detection
- Multi-bay charger includes battery adapters
- All AB models use the same batteries and chargers



AB-C18110



AB-C18-4W