



Golden Engineering, Inc.  
P.O. Box 185 Centerville, IN 47330 USA  
(765)855-3493 Fax (765)855-3492  
Portable X-Ray Equipment

## DIRECTIONS FOR USING BATTERY CONDITIONER MODEL BE-130417

The Model BE-130417 Battery Conditioner was designed for use with Makita batteries. Using the battery charger adapter supplied with the XR150, the BE-130417 can be used to charge, exercise, or condition XR150 batteries.

The BE-130417 has three user selectable charging modes. The desired charging mode should be selected before placing the XR150 battery on the charger.

1. Charge only mode - This mode charges the battery. Charging batteries with the BE-130417 will take approximately 2-3 hours.
2. Exercise - Discharges, charges, discharges, and then charges again. After the final charge cycle, the battery capacity will be displayed in mAh. A new XR150 battery will have a capacity of between 1,300 mAh and 1,400 mAh. When the battery capacity falls below 1,000 mAh, the battery should be replaced.
3. Condition - Same routine as Exercise mode, with the exception that the first discharge is programmed to a lower voltage. This mode should only be required to restore extremely low output battery packs.

### INSTRUCTIONS FOR USE

1. Attach battery charger adapter to the BE-130417.
2. Plug in the BE-130417.
3. Using the selector button, choose the desired mode.
4. Place the XR150 battery on the battery charger adapter.
5. Unit will start cycling automatically.
6. LCD will indicate when the charging mode has completed.

