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## 3055-LED Series

### LED SUPPLEMENTAL INSTRUCTIONS

Congratulations on your new LED (Light Emitting Diode) Cordless Rechargeable Microscope. Your microscope will provide many years of enjoyment when used and maintained properly.

The LED cordless rechargeable microscope is completely portable and can be used indoors or outdoors or in any location of your institution where there is no electrical outlet access.

The reflected (top) and transmitted (bottom) lights can be used simultaneously. The lux rating for the reflected illuminator is 7000lux, and the transmitted 18,000 lux by a distance of 70mm. The life expectancy of the LED bulbs is 10,000 hours, with a Kelvin temperature range of 6300K – 7000K. The LED bulbs are covered by a 2 year manufacturer's warranty. Should your LED bulbs need replacing, please contact an authorized ACCU-SCOPE service center.

The LED cordless microscope is powered with three **1.2v NiMH AA 1300mAh** (Nickel Metal Hydride) rechargeable batteries, and when used properly you can sustain approximately 2 hours (depending on the user) before a charge is required.

Each Microscope is supplied with its own 4.5v/1000mA line cord charger and would require approximately 8 hours for a full charge. The life expectancy of the rechargeable batteries is approximately 10,000 hours or equivalent to 250 recharges before needing to place them.

**NOTE:** *Your LED microscope can be used while charging.*

### **To Replace Batteries**

1. Unplug the microscope from the electrical outlet (if plugged in) and unplug charger from rear of microscope (if plugged in).
2. Carefully place the microscope on the back of its arm so the bottom of the microscope base is facing towards you.
3. Open the trap door on the bottom.
4. Replace the three NiMH AA 1300mAh rechargeable batteries.
5. Close the trap door, and place the microscope in an upright position.
6. Plug the charger to the rear input of the microscope and plug into an electrical outlet to for continued use while charging. Allow the LED microscope to charge for 8 hours before using as cordless.