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InsectaVac Aspirator

The 2809B InsectaVac Aspirator offers a high-powered light weight alternative for collecting insects and other small arthropods. The aspirator uses the same collection and pickup tube system as BioQuip's other 2809 series aspirators with an improved ergonomic powerbase. The drive unit has a permanent on-board lithium battery and is charged with a USB cord which is supplied with the unit. It can be plugged into a computer, phone charging block, or any other USB charging device. (A USB charging block is not included.) The motor takes a few seconds to get up to full speed after being turned on. Three collection vials, two pickup tubes, bent and straight, are also included. Additional collection vials #2809V are available separately.

When test run at one-minute intervals, the fully charged battery was able to power the aspirator for 1 hour and 12 minutes. (Individual results may vary.) The InsectaVac has enough suction to capture full size crickets.

The pistol grip aspirator base is also compatible with our #2809A, #2809C and #2809D model aspirators and can be purchased separately as a replacement for use with the collecting vials and pickup tubes that you already have for those models. See items #2809BD and #2809BCD.

When you are out in the field with no immediate access to power, the new 2809BB Back-up Battery provides that extra charge you need. It has a 10,000 milliamp hour capacity and can be charged using the convenient USB cord (included), or with the built-in solar panel.

Instructions:

The battery in your aspirator needs to be charged before use. Lithium batteries are allowed no more than a 30% charge for shipping purposes.

To assemble your aspirator, insert a collecting vial into the tube holder on the drive unit. Push the black nozzle onto the end of the vial. Insert the desired pickup tube into the nozzle and push the pickup tube past the flap valve into the vial. (Please note that the aspirator will not function properly if the pickup tube is not pushed into the vial.) When changing vials, do not unscrew the cap with the nozzle attached. The cap may distort and make it difficult to screw the cap back onto the vial. To keep specimens from escaping the collecting vial while on the drive unit, pull the pickup tube out of the nozzle, push the pickup tube against the screen in the bottom of the vial or remove the nozzle and pickup tube from the vial.