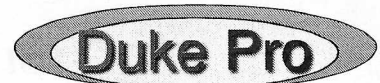


ESI/2 Operating Instructions:



ASHEVILLE, NORTH CAROLINA
PHONE 828 683 6022
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Step 1. For safety always remove the ignition tip from the machine when loading the shock tube.

Step 2. Load shock tube per step-by-step instructions on OPPOSITE SIDE OF THIS PAGE.

Step 3. When you are ready to fire the shot, then and only then push the ignition tip into the two mating connectors located on the top of the machine. Viewing port should be facing away from the user.

Step 4. To Arm the machine push the "ARM" switch for 1-2 seconds and the "READY" lamp should illuminate.

Step 5. To Fire the shot maintain the "Arm" switch AND with the Ready lamp illuminated depress the Fire switch.

TO ABORT THE SHOT:

Once the charge sequence has been initiated simply release the charge switch. The high voltage will be discharged internally.

BATTERY REPLACEMENT:

To replace the battery remove the four (4) screws on the back cover. Remove the nine volt cell from the battery clip. Duracell or Energizer 9V Lithium is the recommended battery or any American made 9 volt lithium cell as a replacement. Reattach the rear cover being careful to align the back cover and replace and tighten screws. Do not over tighten screws. Gradually tighten the screws making 2 passes so that the pressure is applied uniformly to the rear cover and gasket.

ESI/2 TESTING & MAINTENANCE PROCEDURES

TESTING

- Test the tip prior to insertion of the shock tube for spark. An audible 'pop' should be heard indicating the tip works
- If tip fails to spark, check first to see if switch lever is in 'Armed' position.
- Test ignition tip with a short (less than 4 inch) piece of shock tube. Used shock tube is okay.
- Proceed to calibration procedure if spark is not present.
- If spark is still weak or missing, test the tip on another ESI. If second ESI is not available, verify battery voltage (It should be greater than 8.5 volts). If battery is okay then calibrate the tip per instructions on the opposite side of this page.

MAINTENANCE

- During normal usage, no maintenance is required for the electronics except battery replacement. Expected battery life (Duracell or Energizer 9V Lithium) is 1000+ shots.
- Maintenance of the ignition tip consists of calibration procedure outlined on the opposite side of this document. Expected life of tip is well over 10,000 shots.
- Case may be cleaned with water or a damp cloth.
- **TECH TIP:** Improperly shipped or stored shock tube can have 'dead' spots that will not easily fire. Always store a roll of shock tube on its side!
- **TECH TIP:** The small rectangular opening on the back of the rubber boot can be used as a strain relief for the shock tube. Simply thread the shock tube through the opening twice before inserting it into the tip.