



User Instructions

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PNEUMATIC EGG PUNCH MODEL NO.099C E90

The Glas-Col Pneumatic Egg Punch is an automatic tool for the rapid opening of embryonated chicken eggs. By carefully observing these operating instructions, with brief practice, the laboratory technician will be able to quickly and efficiently open 60 or more eggs per minute.

OPERATION:

Connect the tube to the brass elbow on the side of the punch, by pressing it into the opening. (Make sure it is firmly in)!

Take the other end of the tube and connect it to the airline. The airline should have a range of (50psi to 100psi).

Place the eggs with the larger (air-sac) end uppermost in suitable non-rigid supports. The cardboard egg shipping trays are excellent for this purpose.

Hold the instrument in one hand with the barrel against the palm and the finger on the button at the top of the punch.

Squeezing the button toward the barrel forming a fist with the hand triggers the tool.

Center the barrel over the end of the egg shell and hold the circular knife securely against the shell.

Pushing the button will trigger the hammer causing the knife to produce a clean circular fracture.

After the desired number of eggs has been punched, the circular caps can be flipped off with a sharp pointed tool.

CLEANING:

The punch may be sterilized by suitable disinfectants or by heating in dry air. Do not totally immerse in liquids. Remove the plastic molded cap, before placing it in an autoclave or any high temperature device.

MAINTENANCE & CARE:

The Glas-Col Egg Punch is a precision instrument and should be handled with reasonable care. The efficiency of operation depends on the sharpness of the hardened circular knife. It is important that this knife be protected from setting on or striking hard surfaces. If the knife is chipped or broken it should be replaced.

If the unit fails to cut the egg or the unit crushes the egg. The distance of the projected knife may need to be adjusted. The circular knife is held on to the shaft of the cylinder by two nuts, one on the top and one on the bottom. To adjust the distance, one needs to loosen and remove the top nut, the knife and the spacer. The bottom nut should be raised or lowered accordingly. Once the proper distance is set, assemble the spacer, the knife and tighten the top nut firmly. Also add some Loctite to the nuts.

The punch should be protected from falls, mechanical damage and corrosive atmospheres so far as possible. Any damage should be repaired immediately.

- Replacement Knife.....099B R36 408
- Replacement Foam Grip.....099B R66 222
- Replacement Molded Cap.....099B R68 287

LIMITED WARRANTY:

Glas-Col warrants products of its manufacture to be free from defects in material and workmanship for one year and agrees to repair or replace without charge any products found defective upon examination at the factory. With proper care and operation, Glas-Col products will give long and efficient service. Chemical spillage, overheating, overloading and general misuse will greatly reduce the service life. Glas-Col is not responsible for damage to apparatus due to improper installation or through attempts to operate the apparatus beyond its rated capacity, intentional or otherwise. Normally expendable parts are not covered by this warranty.

Limitation of Warranties:

APART FROM SUCH WRITTEN STATEMENT OF WARRANTY, THERE ARE NO WARRANTIES EXPRESSED, IMPLIED OR STATUTORY, WHICH EXTEND BEYOND THE DESCRIPTION OF THE PRODUCTS ON THE FACE HEREOF.

Glas-Col products are intended only for legal and legitimate purposes in commercial laboratory and industrial settings.

Glas-Col reserves the right to make product refinements without prior notice.

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