

Cryo Cannon Guide

What you will need:

- High pressure CO2 tank or CO2 Dewar tank
- High pressure washer
- Dash 6 CO2 hose
- Dash 6 connections (If adding extra lengths of hose)
- AC cable
- Power switch

Installation:

1. The cryo cannon should not be freely fired on its own. It must first be secured to the stage by either using the designated screw holes on the plate or by using gaffers tape to secure it to the floor. If using gaffers tape ALL sides must be taped to the floor, including the nozzle side. Make sure to tape under the fitting on the nozzle end and not over it.
2. The nozzle can be adjusted to fire at a different angle rather than just straight up. To do this just loosen the connection at the nozzle, move the nozzle to the desired angle, then retighten the connection.
3. Once the cryo cannon is secured you can then connect the brass bottle end to your CO2 tank. Double check that there is a high pressure washer inside the bottle end before tightening down the connection to the CO2 tank. From the tank you can now run the hose to the cryo cannon. If extra lengths of hose are needed to make the run a male to male dash 6 fitting will be needed to connect the hoses together.
4. Attach the hose to the male dash 6 connection at the base of the cryo cannon and tighten it with a wrench.
5. Then take the AC plug at the back of the housing and plug it into the AC cable. From your extension run the line back to the firing position. DO NOT plug into hot power.
6. The AC cable should be plugged into a power switch that is either off or not plugged in at all.

Operation:

1. Before attempting to fire the cryo cannon double check that all hose/tank connections are firmly tightened down and verify that the switch power is off.
2. Open up the CO2 tank and walk the hose line to check for any leaks.
3. Make sure that the cryo cannons are clear of any props or people before firing.
4. When ready to fire simply just flip the power switch to on and switch it off after your desired duration. Off of one CO2 tank the cryo cannon typically lasts about 60 seconds in total firing time.
5. After firing the CO2 hose line must be purged. To do this turn off the CO2 tank and then fire the cryo cannon. This will clear any excess CO2 left in the line.