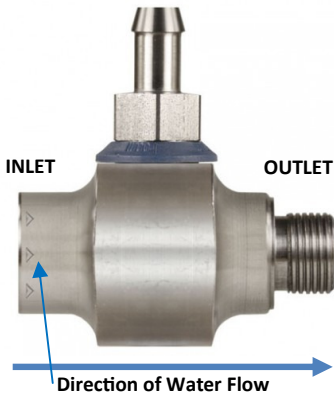


Troubleshooting Guide for the ST160 Foam Injector & ST75/175 Foam Lance



TEST 1
Remove the foam lance from the gun or lance. Pull the trigger. Is chemical being sucked up through the injector?

YES

NO

RE-ATTACH THE FOAM LANCE
Is there milky water coming out of the end of the foam lance rather than the brass nozzle in the centre?

YES

NO

GO TO THE INJECTOR
Remove the chemical pipe from the injector and test to see if there is any suction when re-running **TEST 1**. Is there suction?

YES

NO

Check the following:
* The foam pad may be blocked. Replace and retry **TEST 1**

If this doesn't work, please call our technical team

Check the following:
* Is the nozzle inside the inlet of the foam lance the right size or blocked?
* If you have a long hose fitted, try increasing the internal foam lance nozzle size and retry **TEST 1**

If none of the above helps, please call our technical team

Connect the chemical pipe and re-run TEST 1 then check the following:
* Is there a blockage or air gap in the chemical pipe?
* Is the chem filter blocked?
* Is all of the chemical filter in the chemical?
* Is the chem pipe securely clamped so that no air can get in?

If you are still having problems, please call our technical team

Check the following:
* Are the internal injector jets securely in place.
* Is the check valve stuck or broken?
* Is the injector on the correct way? *Arrows on inlet side*

If **NO** to all of the above, please call our technical team

PLEASE NOTE

The Suttner range of ST160 injectors will **not** work if:

- A K Series injector is fitted, as it won't work with the ST75. An ST72 or the ST75.1 foam lances are required instead
- There is already a chemical injector fitted to the pressure washer/system.
- If the water temperature when foaming exceeds 50°C. (upto 90°C on rinse)
- The hose is wound onto a hose reel. *(The hose needs to be fully unwound for the injector to work correctly.)*
- The hose has been joined to another hose.
- If there is some sort of vario-press or other pressure adjuster in the system.