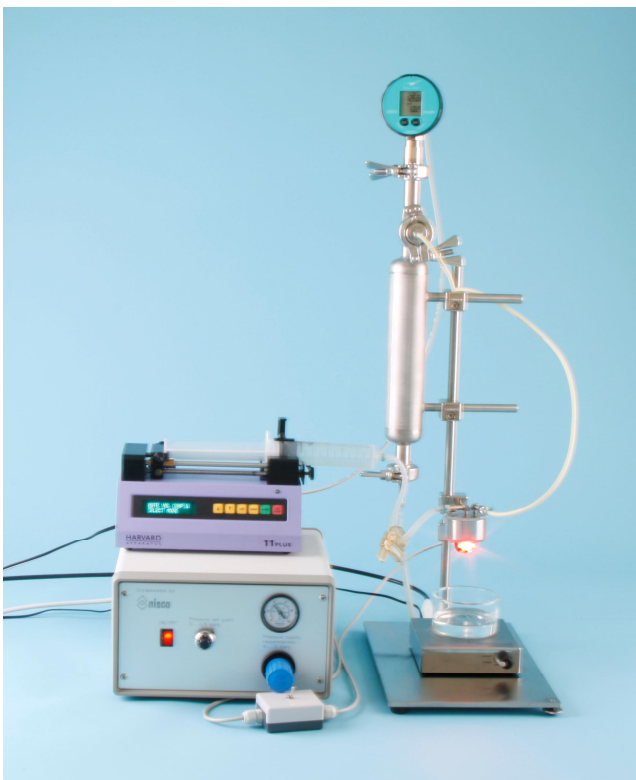
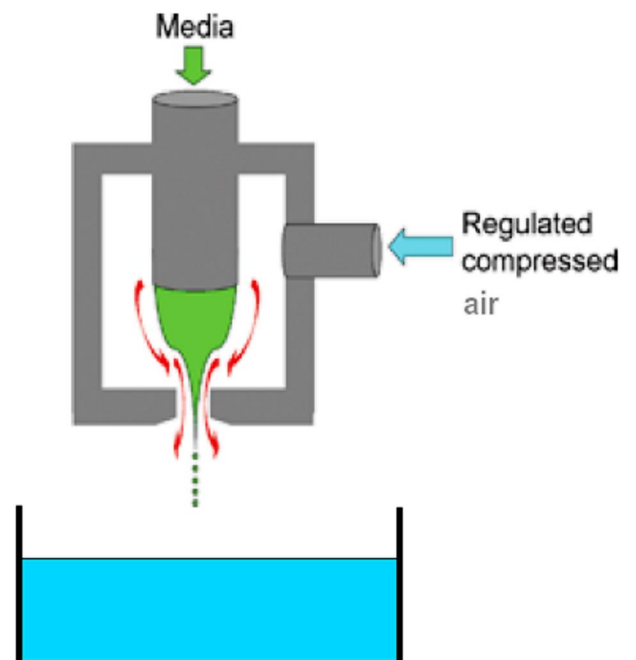


Aerodynamically Assisted Jetting J30



The exit orifice is placed centrally and in line with the needle exits. The input of a controlled pressure into the chamber gives rise to a pressure gradient across the exit orifice and generates an aerodynamic flow field.

This developed flow field provides the driving mechanism for drawing out media emerging from the needle through the exit orifice.



The AAJ (Aerodynamically Assisted Jetting) phenomenon takes place within a pressurized chamber containing a needle accommodating the controlled flow of media.