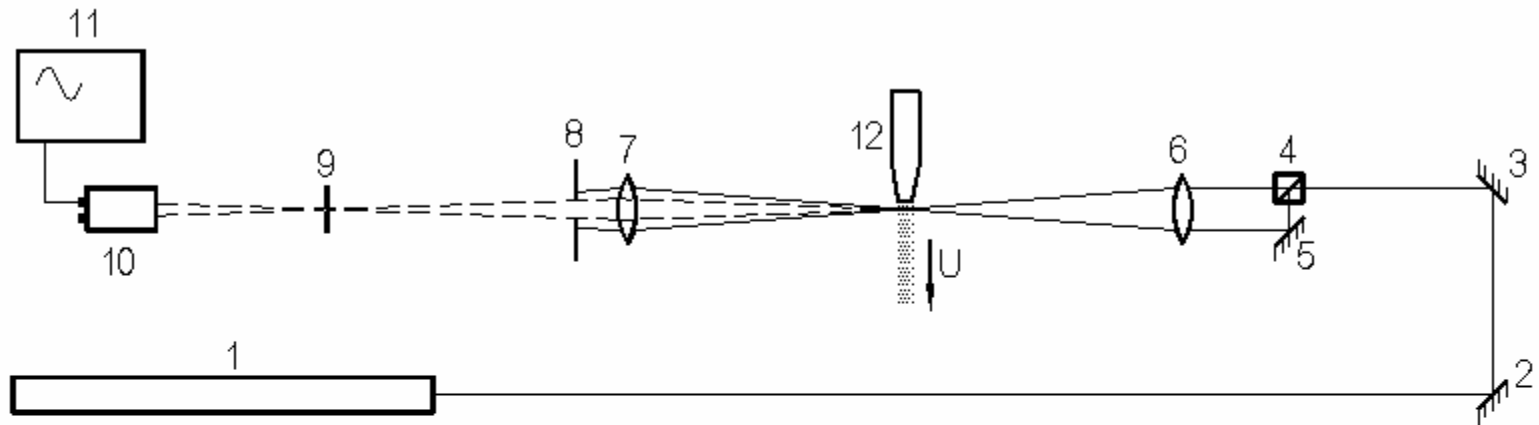
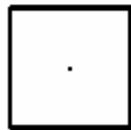


# Sketch of LDV Apparatus Used in 520 & 333L

Developed by Prof. Collicott. For 520, split transmitting and receiving optics, place water tunnel test section in between, in place of item 12.



Front view of an aperture (8) :  
the diameter is adjustable



Front view of a pin hole (9) :  
the diameter is fixed and close  
to that of the focus point

- |                  |                                   |
|------------------|-----------------------------------|
| 1. He-Ne Laser   | 7. Lens 2                         |
| 2. Mirror 1      | 8. Aperture                       |
| 3. Mirror 2      | 9. Pin hole                       |
| 4. Beam splitter | 10. Photo diode                   |
| 5. Mirror 3      | 11. Oscilloscope                  |
| 6. Lens 1        | 12. Outlet of the particle source |

For 520, drop mirrors 1 and 2