

Materials List for:

## Spatial Separation of Molecular Conformers and Clusters

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### Materials

| Name                        | Company   | Catalog Number | Comments  |
|-----------------------------|---|----------------|---|
| Vacuum system               | various, e.g. Pfeiffer Vacuum, Varian, Edwards, Leybold                   |                |   |
| Dye laser system            | various, e.g. Coherent, Spectra Physics, Syrah, LIOP-TEC, Radiant Dyes... |                |   |
| Pulsed valve                | Even-Lavie  |                |   |
| High voltage power supply   | eg. FUG   | HCP 14-20000   |   |
| Deflector                   |   |                | Custom made   |
| Time-of-flight spectrometer | Jordan TOF  | C-677          |   |
| TOF power supply            | Jordan TOF  | D-603          |   |
| Focusing lens               | Thorlabs  | LA4745         |   |
| Translation stage           | e.g. Vision Lasertechnik  | 8MT167-25      |   |
| Digitizer                   | e.g. Agilent  | Acquiris DC440 |   |
| Digital delay generator     | Stanford Systems  | SRS DG645      |   |
| Molecular beam skimmer      | Beam Dynamics Inc.  |                | <a href="http://www.beamdynamicsinc.com/">http://www.beamdynamicsinc.com/</a> |