

**Materials List for:**

# Magnetically Induced Rotating Rayleigh-Taylor Instability

Matthew M. Scase<sup>\*1</sup>, Kyle A. Baldwin<sup>\*2</sup>, Richard J. A. Hill<sup>\*3</sup>

<sup>1</sup>School of Mathematical Sciences, University of Nottingham

<sup>2</sup>Faculty of Engineering, University of Nottingham

<sup>3</sup>School of Physics and Astronomy, University of Nottingham

\*These authors contributed equally

Correspondence to: Matthew M. Scase at [matthew.scase@nottingham.ac.uk](mailto:matthew.scase@nottingham.ac.uk)

URL: <https://www.jove.com/video/55088>

DOI: [doi:10.3791/55088](https://doi.org/10.3791/55088)

## Materials

Name	Company	Catalog Number	Comments
Blue water tracing dye	Cole-Parmer	00295-18	
Red water tracing dye	Cole-Parmer	00295-16	
Sodium Chloride			>99% purity
Manganese Chloride Tetrahydrate			See MSDS
Fluorescein sodium salt			
Magnet	Cryogenic Ltd. London		