

Materials List for:

Single and Two-Phase Flow in Packed Beds

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Materials

Name	Company	Catalog Number	Comments
Equipment			
Bed #3 – glass beads	Grainger	25-40 mesh (50%) 60-120 mesh (50%)	Packed in parallel
Bed #4 – glass beads and blast sand	Grainger	60-120 mesh (90%) - glass 80-120 mesh (6%) - glass 120-200 mesh (4%) - sand	Mixed together
Bed #5 – glass beads	Grainger	5-10 mesh	
Dry test meter	Singer	Model 803	
Fiber-optic UV-Vis spectrometer	Ocean Optics	Model USB2000	Includes Ocean Optics DT-1000 light source
Test tubes	VWR	10 mL	For calibration
Reagents			
Yellow/green fluorescent dye	Cole-Parmer	0298-17	Used to make up tracer solutions